How can I convert a decimal number to a hexadecimal number in Google Sheets?

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Converting a decimal number to a hexadecimal number in Google Sheets can be achieved by using the "DEC2HEX" formula. This formula takes the decimal number as an input and converts it into a hexadecimal number. The result can be further formatted to display the desired number of digits or with a specific prefix. This conversion process is helpful in various situations, such as working with computer codes or performing calculations in different number systems. By utilizing the DEC2HEX formula, users can easily convert decimal numbers to hexadecimal numbers in Google Sheets and efficiently manage their data.

DEC2HEX

The DEC2HEX function converts a decimal number to signed hexadecimal format.

Sample Usage

`DEC2HEX(100,8)`

`DEC2HEX(A2)`

Syntax

`DEC2HEX(decimal_number, )`

`decimal_number` - The decimal value to be converted to signed hexadecimal, provided as a string.

For this function, this value has a maximum of 549755813887 if positive, and a minimum of -549755813888 if negative.

If `decimal_number` is provided as a valid decimal number, it will automatically be converted to the appropriate string input. For example, `DEC2HEX(100)` and `DEC2HEX("100")` yield the same result: `64`.

`significant_digits` - - The number of significant digits to ensure in the result.

If this is greater than the number of significant digits in the result, the result is left-padded with zeros until the total number of digits reaches `significant_digits`.

This value is ignored if `decimal_number` is negative.

Notes

If the number of digits required is greater than the specified `significant_digits`, the `#NUM!` error is returned.

Ensure that any calculations using the result of `DEC2HEX` take into account that it is in hexadecimal. Results will be silently converted by Google Sheets; thus if cell `A2` contains `100`, the hexadecimal equivalent of the decimal value `256`, and `B2` contains a formula such as `=A2+20`, the result will be `120`, which is incorrect in hexadecimal calculation.

See Also

`OCT2HEX`: The OCT2HEX function converts a signed octal number to signed hexadecimal format.

`OCT2DEC`: The OCT2DEC function converts a signed octal number to decimal format.

`OCT2BIN`: The OCT2BIN function converts a signed octal number to signed binary format.

`HEX2OCT`: The HEX2OCT function converts a signed hexadecimal number to signed octal format.

`HEX2DEC`: The HEX2DEC function converts a signed hexadecimal number to decimal format.

`HEX2BIN`: The HEX2BIN function converts a signed hexadecimal number to signed binary format.

`DEC2OCT`: The DEC2OCT function converts a decimal number to signed octal format.

`DEC2BIN`: The DEC2BIN function converts a decimal number to signed binary format.

`BIN2OCT`: The BIN2OCT function converts a signed binary number to signed octal format.

`BIN2HEX`: The BIN2HEX function converts a signed binary number to signed hexadecimal format.

`BIN2DEC`: The BIN2DEC function converts a signed binary number to decimal format.

Examples

Converts a decimal number to its hexadecimal value.