

GetColorFromString

This function will extract Red, Green, Blue and Alpha values from a hex string you provide it. These strings follow the same format as used in HTML, with addition of the Alpha values.

Syntax

```
int, int, int, int getColorFromString ( string theColor )
```

Required Arguments

- **theColor:** A string containing a valid color code.

Valid strings are:

- **#RRGGBB:** Colors specified, Alpha assumed to be 255.
- **#RRGGBBAA:** All values specified.
- **#RGB:** Shortened form, will be expanded internally to RRGGBB, as such it provides a smaller number of colors.
- **#RGBA:** As above, shortened - each character is duplicated.

For example:

- **#FF00FF** is Red: 255, Green: 0, Blue: 255, Alpha: 255
- **#F0F** is Red: 255, Green: 0, Blue: 255, Alpha: 255 (the same as the example above)
- **#34455699** is Red: 52, Green: 69, Blue: 86, Alpha: 153

All colors used must begin with a **#** sign.

Returns

Returns four integers in RGBA format, with a maximum value of 255 for each. Each stands for *red*, *green*, *blue*, and *alpha*. Alpha decides transparency where 255 is opaque and 0 is transparent. *false* is returned if the string passed is invalid (for example, is missing the preceeding **#** sign).