

Converting Colors

Decimal(16711908)

Have a look what the booklet for
Decimal(16711908) contains.

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Color

Decimal(16711908)

Conversions

Conversions Part 1

Format	Color
Hex	FF00E4
RGB	255, 0, 228
RGB Percent	100%, 0%, 89%
CMY	0.0000, 1.0000, 0.1059
CMYK	0.00, 1.00, 0.11, 0.00
HSL	306°, 100%, 50%
HSV	306°, 100%, 100%
XYZ	55.2436, 26.8614, 75.6719
YIQ	102.2370, 78.7920, 124.9680

Conversions

Conversions Part 2

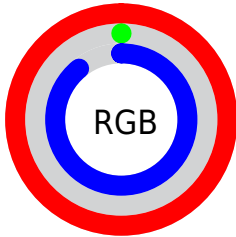
Format	Color
R_{YB}	255, 0, 228
Decimal	16711908
CIE _{Lab}	58.85, 94.66, -48.11
CIE _{LCh}	59, 106.184, 333.058
Yxy	26.8614, 0.3501, 0.1702
Android (android.graphics.Color)	4294901988 (0xFFFF00E4)
YUV	102.2370, 62.0012, 133.9732
Hunter-Lab	51.8280, 99.5645, -50.2872

Details

The Decimal color **16711908** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **65307**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **16738559**, and **12648620** is the 20% darker color. If you saturate the color by 10%, you get **16711908**, and if you desaturate by 10%, it is **16718311**.

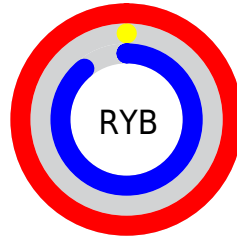
Distribution



Red (100%)

Green (0%)

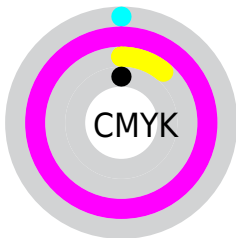
Blue (89%)



Red (100%)

Yellow (0%)

Blue (89%)

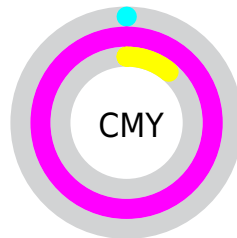


Cyan (0%)

Magenta (100%)

Yellow (11%)

Black (0%)



Cyan (0%)


















Magenta (100%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16711908 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 16711908 by changing the saturation by 10% instead.

 16711908	 16711908
 16777215	 14680264
 16738559	 12648620
 16747007	 10682513
 16754943	 8716407
 16763135	 6750301
 16771071	 4915269
	 2949165
	 23
	 0

 16711908

 16718311

 16724969

 16731628

 16738031

 16744689

 16751092

 16757751

 16764154

 16770812

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8875775



16711908



16711817

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16711908



10784256



45810

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



16711908



65307

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



45717



16711908



3711744

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16711908



15492096



44333



44287

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16711908



16711756



44333



46037

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



16711908



16757751



1638655



8409723



0



8421504

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16711908



16711782



8418174



12517547



4194361

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



16711908



65433



8418174



12517547



4194361

Previews

White Background



This preview shows how the Decimal color 16711908 looks on a white background.

Color Contrast Check

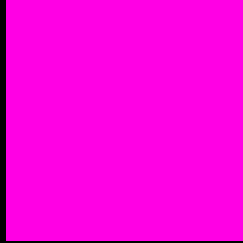
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 16711908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 16711908 Background



This preview shows how black text looks on a background with the Decimal color 16711908.



This preview shows how white text looks on a background with the Decimal color 16711908.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
15882847

Trichromacy



Original Color
16711908



Protanomaly
9656565



Deuteranomaly
10705627



Tritanomaly
16202127

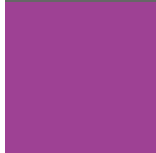
Monochromacy



Original Color
16711908



Achromatopsia
6710886



Achromatomaly
10371476

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16711908 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #FF00E4 looks like.

```
.text, #text, p{  
    color:#FF00E4  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #FF00E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF00E4
}
```

Border

The CSS property to change the border of an element to Decimal 16711908 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF00E4 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#FF00E4 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #FF00E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF00E4; -webkit-box-shadow:4px 4px  
4px 4px #FF00E4; box-shadow:4px 4px 4px  
4px #FF00E4 }
```

Background

The CSS property to change the background color of an element to Decimal 16711908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF00E4 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#FF00E4 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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