

Converting Colors

Decimal(16711800)

Have a look what the booklet for
Decimal(16711800) contains.

Decimal(16711800)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Decimal(16711800)

Conversions

Conversions Part 1

Format	Color
Hex	FF0078
RGB	255, 0, 120
RGB Percent	100%, 0%, 47%
CMY	0.0000, 1.0000, 0.5294
CMYK	0.00, 1.00, 0.53, 0.00
HSL	332°, 100%, 50%
HSV	332°, 100%, 100%
XYZ	44.6302, 22.6161, 19.7824
YIQ	89.9250, 113.4600, 91.3800

Conversions

Conversions Part 2

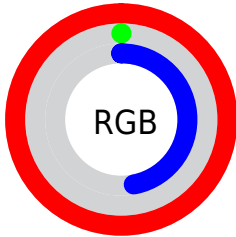
Format	Color
R_{YB}	255, 0, 120
Decimal	16711800
CIE _{Lab}	54.67, 84.00, 8.58
CIE _{LCh}	55, 84.432, 5.831
Yxy	22.6161, 0.5128, 0.2599
Android (android.graphics.Color)	4294901880 (0xFFFF0078)
YUV	89.9250, 14.8270, 144.7708
Hunter-Lab	47.5564, 84.2931, 8.6262

Details

The Decimal color **16711800** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **65415**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **16737196**, and **12517448** is the 20% darker color. If you saturate the color by 10%, you get **16711800**, and if you desaturate by 10%, it is **16718214**.

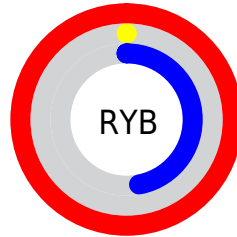
Distribution



Red (100%)

Green (0%)

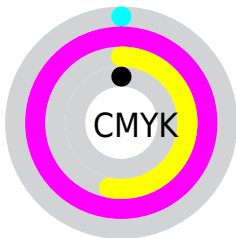
Blue (47%)



Red (100%)

Yellow (0%)

Blue (47%)

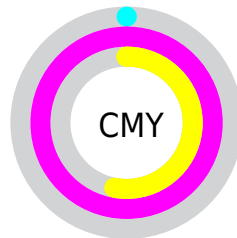


Cyan (0%)

Magenta (100%)

Yellow (53%)

Black (0%)



Cyan (0%)
















Magenta (100%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16711800 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 16711800 by changing the saturation by 10% instead.

 16711800	 16711800
16777215	 14614623
 16737196	 12517448
 16745415	 10420274
 16753379	 8388638
 16761343	 6356996
 16769023	 4325379
16776959	 2097153
	 0

 16711800

 16718214

 16724883

 16731553

 16737966

 16744636

 16751049

 16757719

 16764132

 16770802

Harmonies

Analogous

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



14825152



16711800



16005937

Triad

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



16711800



4232448



39679

Complementary

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



16711800



65415

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.



41431



16711800



40514

Square

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



16711800



9602304



41360



35071

Rectangle

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



16711800



14441216



41360



40444

Sweetspot

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



16711800



16757719



8651007



8409703



0



8421504

Same Dimension

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



16711800



16712704



8418169



12517466



4194334

Inverse Universe

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



16711800



64511



8418169



12517466



4194334

Previews

White Background



This preview shows how the Decimal color 16711800 looks on a white background.

Color Contrast Check

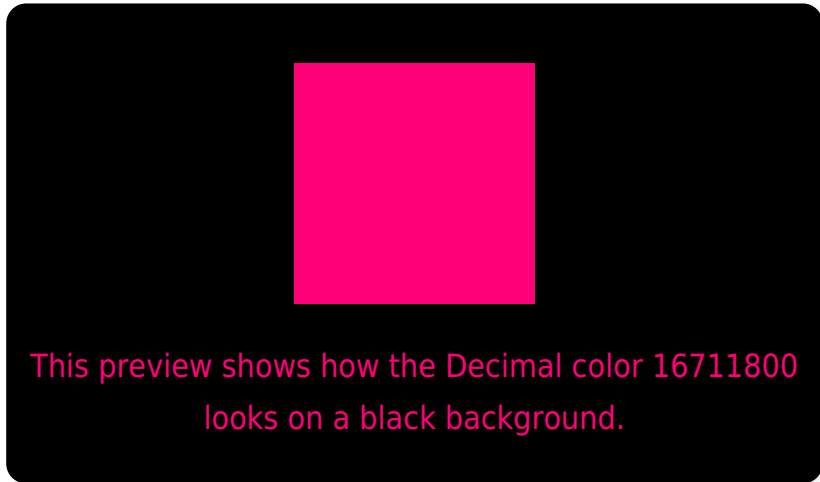
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 16711800 Background



This preview shows how black text looks on a background with the Decimal color 16711800.




This preview shows how white text looks on a background with the Decimal color 16711800.

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
16527407

Trichromacy



Original Color
16711800



Protanomaly
11096986



Deuteranomaly
12472689



Tritanomaly
16588618

Monochromacy



Original Color
16711800



Achromatopsia
5921370



Achromatomaly
9845093

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16711800 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 #FF0078 looks like.

```
.text, #text, p{  
    color:#FF0078  
}
```

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 #FF0078 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF0078
}
```

Border

The CSS property to change the border of an element to Decimal 16711800 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
#FF0078 }
```

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

```
.border{ border-color:#FF0078 }
```

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

Here you see how a box with a 4 pixel #FF0078 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF0078; -webkit-box-shadow:4px 4px  
4px 4px #FF0078; box-shadow:4px 4px 4px  
4px #FF0078 }
```

Background

The CSS property to change the background color of an element to Decimal 16711800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF0078 }
```

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

```
.background{ background-color:#FF0078 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor