

# Converting Colors

Decimal(16711804)

Have a look what the booklet for  
Decimal(16711804) contains.

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**Color**

**Decimal(16711804)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF007C
RGB	255, 0, 124
RGB Percent	100%, 0%, 49%
CMY	0.0000, 1.0000, 0.5137
CMYK	0.00, 1.00, 0.51, 0.00
HSL	331°, 100%, 50%
HSV	331°, 100%, 100%
XYZ	44.8781, 22.7152, 21.0879
YIQ	90.3810, 112.1760, 92.6240

# Conversions

## Conversions Part 2

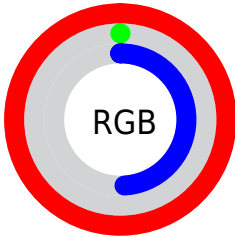
<b>Format</b>	<b>Color</b>
<b>RYB</b>	255, 0, 124
Decimal	16711804
CIELab	54.78, 84.27, 6.32
CIELCh	55, 84.505, 4.286
Yxy	22.7152, 0.5061, 0.2561
Android (android.graphics.Color)	4294901884 (0xFFFF007C)
YUV	90.3810, 16.5742, 144.3709
Hunter-Lab	47.6605, 84.6733, 7.1288

# Details

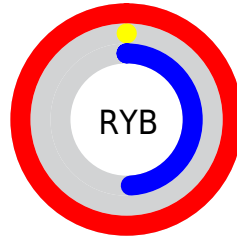
The Decimal color **16711804** is a dark color, and the websafe version is hex **FF0066**, and the color name is [winter sky](#). The color can be described as dark saturated rose. A complement of this color would be **65411**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **16737200**, and **12517452** is the 20% darker color. If you saturate the color by 10%, you get **16711804**, and if you desaturate by 10%, it is **16718217**.

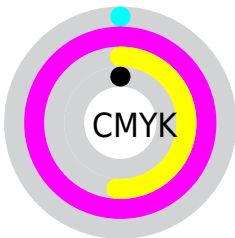
# Distribution



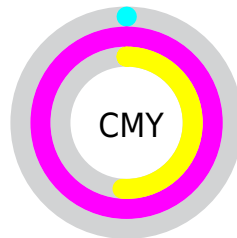
- Red (100%)
- Green (0%)
- Blue (49%)



- Red (100%)
- Yellow (0%)
- Blue (49%)



- Cyan (0%)
- Magenta (100%)
- Yellow (51%)
- Black (0%)


















- Cyan (0%)
- Magenta (100%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16711804 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 16711804 by changing the saturation by 10% instead.



 16711804	 16711804
16777215	 14614627
 16737200	 12517452
 16745420	 10420278
 16753384	 8388641
 16761343	 6357000
 16769279	 4325379
	 2097153
	 0

 16711804

 16718217

 16724886

 16731555

 16737968

 16744638

 16751051

 16757720

 16764133

 16770802

# Harmonies

## Analogous

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



14694852



16711804



16136501

# Triad

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



16711804



4625664



39935

# Complementary

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



16711804



65411

# 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.



41428



16711804



40510

# Square

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



16711804



9864192



41356



35583

# Rectangle

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



16711804



14637312



41356



40698



# Sweetspot

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



16711804



16757720



8388863



8409704



0



8421504



# Same Dimension

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



16711804



16711680



8418169



12517469



4194335

# Inverse Universe

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



16711804



65535



8418169



12517469



4194335

# Previews

## White Background



This preview shows how the Decimal color 16711804 looks on a white background.

## Color Contrast Check

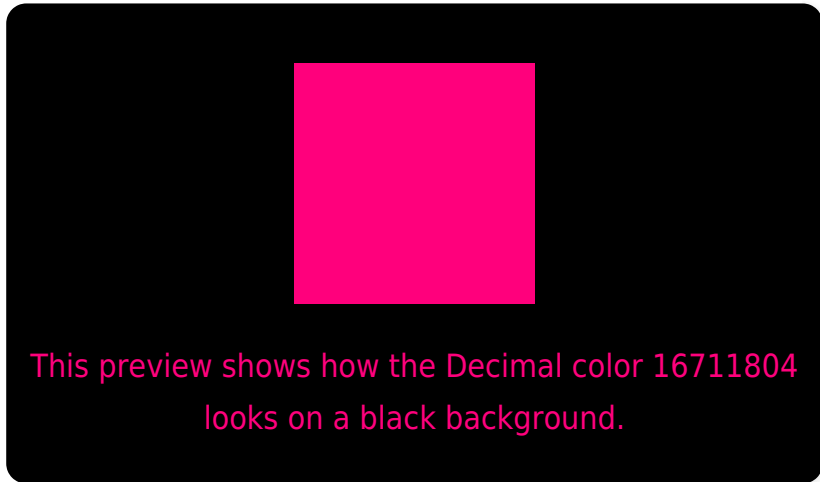
Large Text (above 18pt) WCAG AA ✓ Pass

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 16711804 Background



This preview shows how black text looks on a background with the Decimal color 16711804.

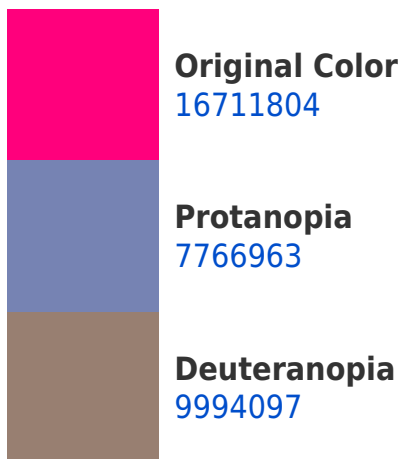


This preview shows how white text looks on a background with the Decimal color 16711804.

# 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**  
16527665

# Trichromacy



**Original Color**

16711804



**Protanomaly**

11031455



**Deuteranomaly**

12407157



**Tritanomaly**

16588620

# Monochromacy



**Original Color**

16711804



**Achromatopsia**

5921370



**Achromatomaly**

9845094

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16711804 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 #FF007C looks like.

```
.text, #text, p{  
    color:#FF007C  
}
```

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 #FF007C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF007C
}
```

## Border

The CSS property to change the border of an element to Decimal 16711804 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
#FF007C }
```

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

```
.border{ border-color:#FF007C }
```

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

Here you see how a box with a 4 pixel #FF007C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF007C; -webkit-box-shadow:4px 4px  
4px 4px #FF007C; box-shadow:4px 4px 4px  
4px #FF007C }
```

# Background

The CSS property to change the background color of an element to Decimal 16711804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF007C }
```

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

```
.background{ background-color:#FF007C }
```

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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