

# Converting Colors

Decimal(16711794)

Have a look what the booklet for  
Decimal(16711794) contains.

<b>Decimal(16711794)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	21
<i><b>Color Blindness Simulation</b></i> .....	24
<i><b>CSS Examples</b></i> .....	27

**Color**

**Decimal(16711794)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF0072
RGB	255, 0, 114
RGB Percent	100%, 0%, 45%
CMY	0.0000, 1.0000, 0.5529
CMYK	0.00, 1.00, 0.55, 0.00
HSL	333°, 100%, 50%
HSV	333°, 100%, 100%
XYZ	44.2773, 22.4749, 17.9240
YIQ	89.2410, 115.3860, 89.5140

# Conversions

## Conversions Part 2

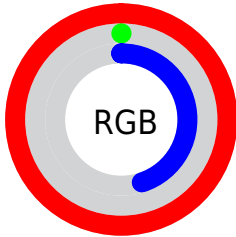
<b>Format</b>	<b>Color</b>
<b>RYB</b>	255, 0, 114
Decimal	16711794
CIELab	54.53, 83.60, 11.99
CIELCh	55, 84.458, 8.160
Yxy	22.4749, 0.5229, 0.2654
Android (android.graphics.Color)	4294901874 (0xFFFF0072)
YUV	89.2410, 12.2062, 145.3706
Hunter-Lab	47.4077, 83.7497, 10.7689

# Details

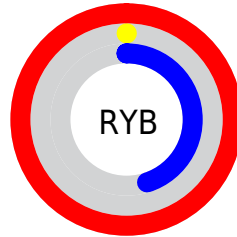
The Decimal color **16711794** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **65421**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **16737189**, and **12517443** is the 20% darker color. If you saturate the color by 10%, you get **16711794**, and if you desaturate by 10%, it is **16718208**.

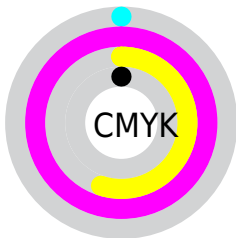
# Distribution



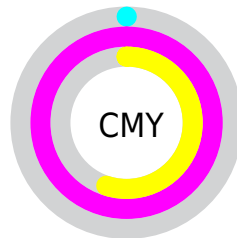
- Red (100%)
- Green (0%)
- Blue (45%)



- Red (100%)
- Yellow (0%)
- Blue (45%)



- Cyan (0%)
- Magenta (100%)
- Yellow (55%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16711794 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 16711794 by changing the saturation by 10% instead.



 16711794

 16711794

16777215

 14614618

 16737189

 12517443

 16745408

 10420269

 16753372

 8323098

 16761337

 6291460

 16769023

 4259843

16776959

 2031617

 0

 16711794

 16718208

 16724878

 16731548

 16737962

 16744633

 16751047

 16757717

 16764131

 16770801

# Harmonies

## Analogous

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



15085754



16711794



15875883

# Triad

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



16711794



3577344



39423

# Complementary

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



16711794



65421

# 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.



41180



16711794



40520

# Square

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



16711794



9274880



41365



34559

# Rectangle

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



16711794



14179584



41365



40191



# Sweetspot

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



16711794



16757717



9175295



8409702



0



8421504



# Same Dimension

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



16711794



16715008



8418168



12517462



4194333

# Inverse Universe

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



16711794



62207



8418168



12517461



4194332

# Previews

## White Background



This preview shows how the Decimal color 16711794 looks on a white background.

## Color Contrast Check

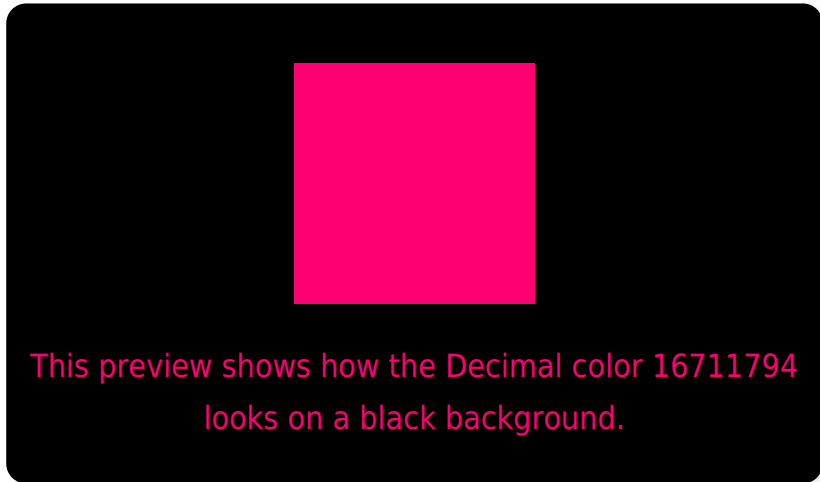
Large Text (above 18pt) WCAG AA ✓ Pass

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 16711794 Background



This preview shows how black text looks on a background with the Decimal color 16711794.



This preview shows how white text looks on a background with the Decimal color 16711794.

# 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**  
16526636

# Trichromacy



**Original Color**

16711794



**Protanomaly**

11228050



**Deuteranomaly**

12537963



**Tritanomaly**

16588101

# Monochromacy



**Original Color**

16711794



**Achromatopsia**

5855577



**Achromatomaly**

9779554

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16711794 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 #FF0072 looks like.

```
.text, #text, p{  
    color:#FF0072  
}
```

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 #FF0072 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF0072
}
```

## Border

The CSS property to change the border of an element to Decimal 16711794 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
#FF0072 }
```

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

```
.border{ border-color:#FF0072 }
```

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

Here you see how a box with a 4 pixel #FF0072 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF0072; -webkit-box-shadow:4px 4px  
4px 4px #FF0072; box-shadow:4px 4px 4px  
4px #FF0072 }
```

# Background

The CSS property to change the background color of an element to Decimal 16711794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF0072 }
```

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

```
.background{ background-color:#FF0072 }
```

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