

# Converting Colors

Decimal(16717709)

Have a look what the booklet for  
Decimal(16717709) contains.

|  |    |
|--|----|
| <b>Decimal(16717709)</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> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

**Color**

**Decimal(16717709)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | FF178D                      |
| RGB           | 255, 23, 141                |
| RGB Percent   | 100%, 9%, 55%               |
| CMY           | 0.0000, 0.9098, 0.4471      |
| CMYK          | 0.00, 0.91, 0.45, 0.00      |
| HSL           | 329°, 100%, 55%             |
| HSV           | 329°, 91%, 100%             |
| XYZ           | 46.3541, 23.7959, 27.3492   |
| YIQ           | 105.8200, 100.3940, 85.8820 |

# Conversions

## Conversions Part 2

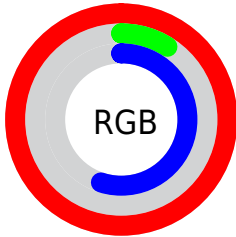
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 255, 23, 141                   |
| Decimal                             | 16717709                       |
| CIE <sub>Lab</sub>                  | 55.88, 83.73, -2.25            |
| CIE <sub>LCh</sub>                  | 56, 83.759, 358.458            |
| Yxy                                 | 23.7959, 0.4754,<br>0.2441     |
| Android<br>(android.graphics.Color) | 4294907789<br>(0xFFFF178D)     |
| YUV                                 | 105.8200, 17.3437,<br>130.8309 |
| Hunter-Lab                          | 48.7810, 84.2527,<br>0.9056    |

# Details

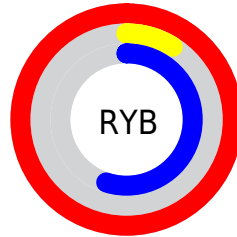
The Decimal color **16717709** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **1572745**, and the grayscale version is **6974058**.

A 20% lighter version of the original color is **16738754**, and **12583003** is the 20% darker color. If you saturate the color by 10%, you get **16711810**, and if you desaturate by 10%, it is **16724378**.

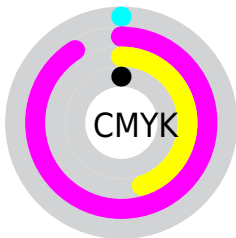
# Distribution



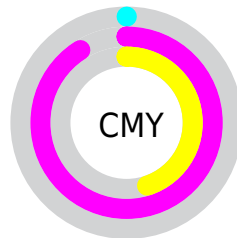
- Red (100%)
- Green (9%)
- Blue (55%)



- Red (100%)
- Yellow (9%)
- Blue (55%)



- Cyan (0%)
- Magenta (91%)
- Yellow (45%)
- Black (0%)



- Cyan (0%)
- Magenta (91%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16717709 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 16717709 by changing the saturation by 10% instead.



 16717709

 16717709

16777215

 14614644

 16738754

 12583003

 16746974

 10551364

 16754939

 8519726

 16762623

 6488090

 16770559

 4587523

 2424833

 0

 16717709

 16717709

■ 16711810

■ 16724378

■ 16730790

■ 16737203

■ 16743871

■ 16750284

■ 16756952

■ 16763621

■ 16770033

■ 16776446

# Harmonies

## Analogous

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



14108883



16717709



16593990

# Triad

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



16717709



6132992



41215

# Complementary

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



16717709



1572745

# 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.



42442



16717709



41009

# Square

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



16717709



10912256



42112



37375

# Rectangle

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



16717709



15356944



42112



41715



# Sweetspot

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



16717709



16759517



8853503



8410987



0



8421504



# Same Dimension

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



16717709



16711810



16717595



8418169



12517473



4194336



# Inverse Universe

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



16717709



16711810



1572859



8418169



12517473



4194336



# Previews

## White Background



This preview shows how the Decimal color 16717709 looks on a white background.

## Color Contrast Check

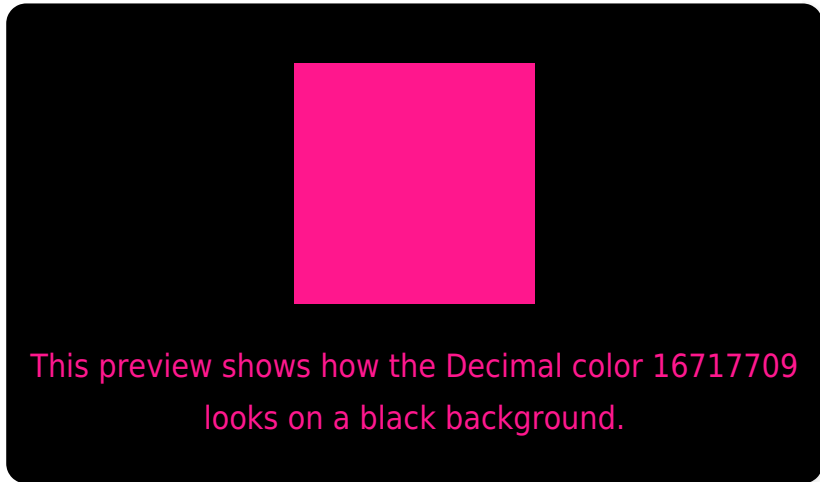
Large Text (above 18pt) WCAG AA ✓ Pass

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 16717709 Background



This preview shows how black text looks on a background with the Decimal color 16717709.



This preview shows how white text looks on a background with the Decimal color 16717709.

# 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





# Trichromacy



**Original Color**  
16717709



**Protanomaly**  
10706099



**Deuteranomaly**  
12344198



**Tritanomaly**  
16526937

# Monochromacy



**Original Color**  
16717709



**Achromatopsia**  
6974058



**Achromatomaly**  
10505335

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16717709 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 #FF178D looks like.

```
.text, #text, p{  
    color:#FF178D  
}
```

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 #FF178D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF178D
}
```

## Border

The CSS property to change the border of an element to Decimal 16717709 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
#FF178D }
```

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

```
.border{ border-color:#FF178D }
```

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

Here you see how a box with a 4 pixel #FF178D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF178D; -webkit-box-shadow:4px 4px  
4px 4px #FF178D; box-shadow:4px 4px 4px  
4px #FF178D }
```

# Background

The CSS property to change the background color of an element to Decimal 16717709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF178D }
```

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

```
.background{ background-color:#FF178D }
```

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**