

# Converting Colors

Decimal(16717695)

Have a look what the booklet for  
Decimal(16717695) contains.

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**Color**

**Decimal(16717695)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF177F
RGB	255, 23, 127
RGB Percent	100%, 9%, 50%
CMY	0.0000, 0.9098, 0.5020
CMYK	0.00, 0.91, 0.50, 0.00
HSL	333°, 100%, 55%
HSV	333°, 91%, 100%
XYZ	45.3772, 23.4051, 22.2047
YIQ	104.2240, 104.8880, 81.5280

# Conversions

## Conversions Part 2

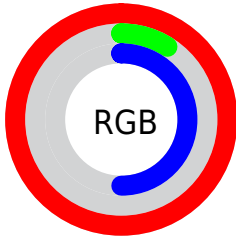
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 23, 127
Decimal	16717695
CIE <sub>Lab</sub>	55.49, 82.65, 5.53
CIE <sub>LCh</sub>	55, 82.834, 3.829
Yxy	23.4051, 0.4987, 0.2572
Android (android.graphics.Color)	4294907775 (0xFFFF177F)
YUV	104.2240, 11.2286, 132.2306
Hunter-Lab	48.3788, 82.7621, 6.6525

# Details

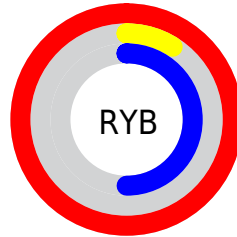
The Decimal color **16717695** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **1572759**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **16738739**, and **12517454** is the 20% darker color. If you saturate the color by 10%, you get **16711794**, and if you desaturate by 10%, it is **16724365**.

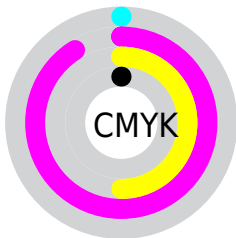
# Distribution



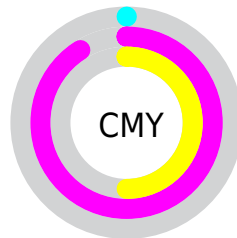
- Red (100%)
- Green (9%)
- Blue (50%)



- Red (100%)
- Yellow (9%)
- Blue (50%)



- Cyan (0%)
- Magenta (91%)
- Yellow (50%)
- Black (0%)



- Cyan (0%)
- Magenta (91%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16717695 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 16717695 by changing the saturation by 10% instead.



 16717695

 16717695

16777215

 14614630

 16738739

 12517454

 16746703

 10485816

 16754667

 8454179

 16762367

 6422541

 16770303

 4390915

 2228225

 0

 16717695

 16717695

■ 16711794

■ 16724365

■ 16730779

■ 16737193

■ 16743863

■ 16750277

■ 16756947

■ 16763617

■ 16770032

■ 16776446

# Harmonies

## Analogous

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



14696390



16717695



16203065

# Triad

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



16717695



5019392



40447

# Complementary

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



16717695



1572759

# 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.



41940



16717695



40768

# Square

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



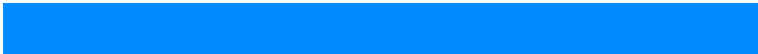
16717695



10061056



41869



36095

# Rectangle

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



16717695



14768896



41869



41209



# Sweetspot

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



16717695



16759513



9902079



8410985



0



8421504



# Same Dimension

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



16717695



16711794



16720663



8418168



12517462



4194333



# Inverse Universe

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



16717695



16711794



1569791



8418168



12517462



4194333



# Previews

## White Background



This preview shows how the Decimal color 16717695 looks on a white background.

## Color Contrast Check

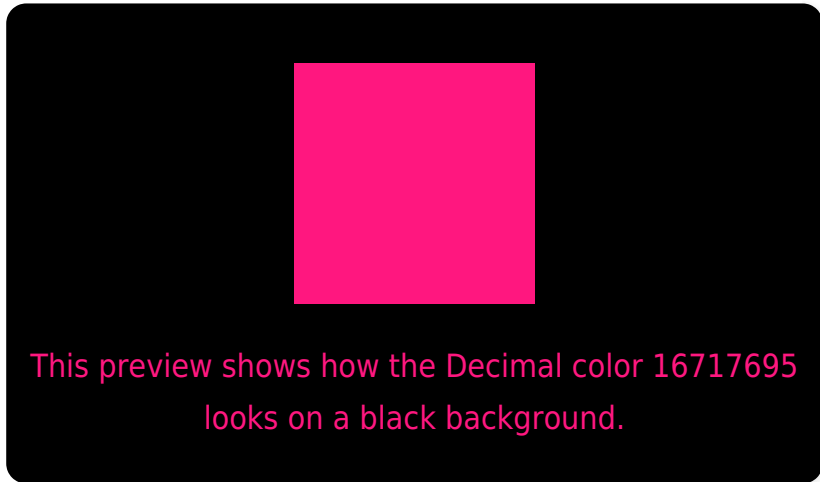
Large Text (above 18pt) WCAG AA ✓ Pass

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 16717695 Background



This preview shows how black text looks on a background with the Decimal color 16717695.



This preview shows how white text looks on a background with the Decimal color 16717695.

# 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**  
16528950

# Trichromacy



**Original Color**  
16717695



**Protanomaly**  
11033761



**Deuteranomaly**  
12409465



**Tritanomaly**  
16591697

# Monochromacy



**Original Color**  
16717695



**Achromatopsia**  
6842472



**Achromatomaly**  
10439536

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16717695 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 #FF177F looks like.

```
.text, #text, p{  
  color:#FF177F  
}
```

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 #FF177F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF177F
}
```

## Border

The CSS property to change the border of an element to Decimal 16717695 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
#FF177F }
```

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

```
.border{ border-color:#FF177F }
```

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

Here you see how a box with a 4 pixel #FF177F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF177F; -webkit-box-shadow:4px 4px  
4px 4px #FF177F; box-shadow:4px 4px 4px  
4px #FF177F }
```

# Background

The CSS property to change the background color of an element to Decimal 16717695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF177F }
```

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

```
.background{ background-color:#FF177F }
```

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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