

# Converting Colors

Decimal(16717677)

Have a look what the booklet for  
Decimal(16717677) contains.

<b>Decimal(16717677)</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(16717677)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF176D
RGB	255, 23, 109
RGB Percent	100%, 9%, 43%
CMY	0.0000, 0.9098, 0.5725
CMYK	0.00, 0.91, 0.57, 0.00
HSL	338°, 100%, 55%
HSV	338°, 91%, 100%
XYZ	44.3067, 22.9769, 16.5678
YIQ	102.1720, 110.6660, 75.9300

# Conversions

## Conversions Part 2

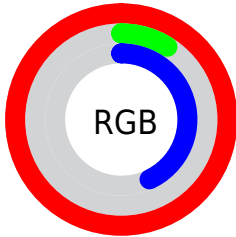
Format	Color
<a href="#">RYB</a>	<a href="#">255, 23, 109</a>
Decimal	<a href="#">16717677</a>
CIELab	<a href="#">55.05, 81.44, 15.72</a>
CIELCh	<a href="#">55, 82.946, 10.927</a>
Yxy	<a href="#">22.9769, 0.5284, 0.2740</a>
Android (android.graphics.Color)	<a href="#">4294907757 (0xFFFF176D)</a>
YUV	<a href="#">102.1720, 3.3662, 134.0302</a>
Hunter-Lab	<a href="#">47.9342, 81.1067, 13.0613</a>

# Details

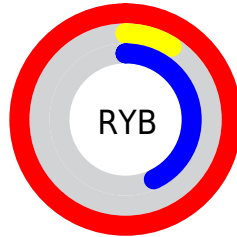
The Decimal color **16717677** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **1572777**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **16738464**, and **12517438** is the 20% darker color. If you saturate the color by 10%, you get **16711775**, and if you desaturate by 10%, it is **16724349**.

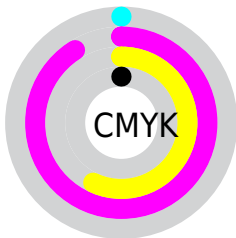
# Distribution



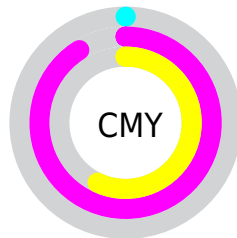
- Red (100%)
- Green (9%)
- Blue (43%)



- Red (100%)
- Yellow (9%)
- Blue (43%)



- Cyan (0%)
- Magenta (91%)
- Yellow (57%)
- Black (0%)













- Cyan (0%)
- Magenta (91%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16717677 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 16717677 by changing the saturation by 10% instead.



 16717677	 16717677
16777215	 14614613
 16738464	 12517438
 16746683	 10420265
 16754391	 8323094
 16762099	 6291459
 16770047	 4259843
	 2031617
	 0

 16717677	 16717677
--	--

■ 16711775

■ 16724349

■ 16730765

■ 16737181

■ 16743853

■ 16750269

■ 16756941

■ 16763613

■ 16770029

■ 16776445

# Harmonies

## Analogous

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



15348148



16717677



15681319

# Triad

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



16717677



2988032



39423

# Complementary

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



16717677



1572777

# 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.



41441



16717677



40785

# Square

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



16717677



8947968



41629



34303

# Rectangle

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



16717677



13984512



41629



40191



# Sweetspot

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



16717677



16759508



10885119



8410982



0



8421504



# Same Dimension

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



16717677



16711775



16724503



8418167



12517447



4194328



# Inverse Universe

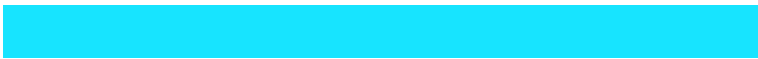
The Inverse Universe completely reimagines the original color for something new.



16717677



16711775



1565951



8418167



12517447



4194328



# Previews

## White Background



This preview shows how the Decimal color 16717677 looks on a white background.

## Color Contrast Check

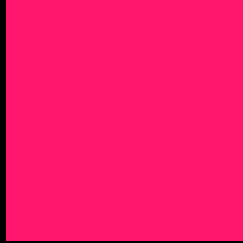
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 16717677 looks on a 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 16717677 Background



This preview shows how black text looks on a background with the Decimal color 16717677.



This preview shows how white text looks on a background with the Decimal color 16717677.

# 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**  
16592687

# Trichromacy



**Original Color**

16717677



**Protanomaly**

11426956



**Deuteranomaly**

12605798



**Tritanomaly**

16655942

# Monochromacy



**Original Color**

16717677



**Achromatopsia**

6710886



**Achromatomaly**

10373481

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16717677 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 #FF176D looks like.

```
.text, #text, p{  
    color:#FF176D  
}
```

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 #FF176D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF176D
}
```

## Border

The CSS property to change the border of an element to Decimal 16717677 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
#FF176D }
```

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

```
.border{ border-color:#FF176D }
```

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

Here you see how a box with a 4 pixel #FF176D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF176D; -webkit-box-shadow:4px 4px  
4px 4px #FF176D; box-shadow:4px 4px 4px  
4px #FF176D }
```

# Background

The CSS property to change the background color of an element to Decimal 16717677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF176D }
```

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

```
.background{ background-color:#FF176D }
```

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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