

# Converting Colors

Decimal(16677330)

Have a look what the booklet for  
Decimal(16677330) contains.

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# **Color**

**Decimal(16677330)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FE79D2
RGB	254, 121, 210
RGB Percent	100%, 47%, 82%
CMY	0.0039, 0.5255, 0.1765
CMYK	0.00, 0.52, 0.17, 0.00
HSL	320°, 99%, 74%
HSV	320°, 52%, 100%
XYZ	59.3433, 39.3987, 65.4497
YIQ	170.9130, 50.6990, 55.8750

# Conversions

## Conversions Part 2

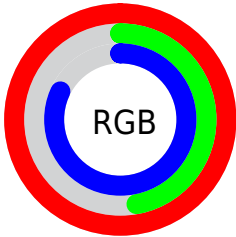
<b>Format</b>	<b>Color</b>
<b>RYB</b>	254, 121, 210
Decimal	16677330
CIELab	69.04, 60.80, -22.17
CIELCh	69, 64.716, 339.966
Yxy	39.3987, 0.3614, 0.2400
Android (android.graphics.Color)	4294867410 (0xFFFE79D2)
YUV	170.9130, 19.2699, 72.8673
Hunter-Lab	62.7684, 58.9150, -17.8849

# Details

The Decimal color **16677330** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **7995045**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **16757247**, and **12796059** is the 20% darker color. If you saturate the color by 10%, you get **16670922**, and if you desaturate by 10%, it is **16683738**.

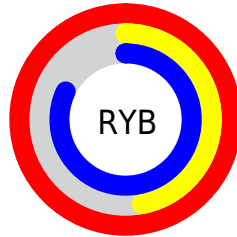
# Distribution



Red (100%)

Green (47%)

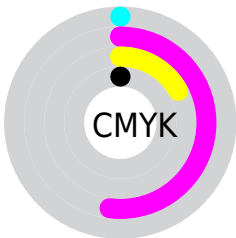
Blue (82%)



Red (100%)

Yellow (47%)

Blue (82%)

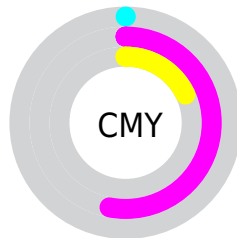


Cyan (0%)

Magenta (52%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (53%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16677330 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 16677330 by changing the saturation by 10% instead.



 16677330

 16677330

16777215

 14704054

 16757247


 12796059

 16764671

 10887297

 16772351

 8978536

 7143504

 5374008

 3735587

 1638409

 0

■ 16677330

■ 16677330

■ 16670922

■ 16683738

■ 16664257

■ 16690403

■ 16657849

■ 16696811

■ 16651184

■ 16703476

■ 16646314

■ 16709884

16711679

# Harmonies

## Analogous

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



12947711



16677330



16740759

# Triad

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



16677330



11906087



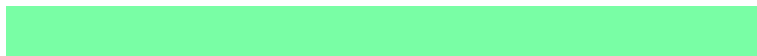
49906

# Complementary

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



16677330



7995045

# 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.



50619



16677330



7715400

# Square

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



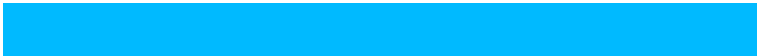
16677330



15177525



49790



47871

# Rectangle

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



16677330



16742769



49790



50401



# Sweetspot

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



16677330



16766706



10713598



8415095



0



8421504



# Same Dimension

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



16677330



16735946



16677265



8418171



12517504



4194347



# Inverse Universe

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



16677330



16735946



7995110



8418171



12517504



4194347



# Previews

## White Background



This preview shows how the Decimal color 16677330 looks on a white background.

## Color Contrast Check

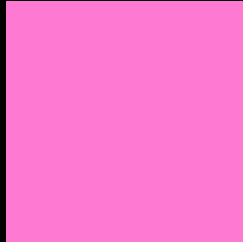
Large Text (above 18pt) WCAG AA × Fail

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 16677330 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 16677330 Background



This preview shows how black text looks on a background with the Decimal color 16677330.




This preview shows how white text looks on a background with the Decimal color 16677330.

# 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



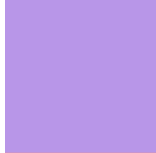


**Tritanopia**  
16222097

# Trichromacy



**Original Color**  
16677330



**Protanomaly**  
12097256



**Deuteranomaly**  
13145550



**Tritanomaly**  
16417449

# Monochromacy



**Original Color**  
16677330



**Achromatopsia**  
11250603



**Achromatomaly**  
13212089

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16677330 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 #FE79D2 looks like.

```
.text, #text, p{  
    color:#FE79D2  
}
```

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 #FE79D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE79D2
}
```

## Border

The CSS property to change the border of an element to Decimal 16677330 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
#FE79D2 }
```

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

```
.border{ border-color:#FE79D2 }
```

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

Here you see how a box with a 4 pixel #FE79D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE79D2; -webkit-box-shadow:4px 4px  
4px 4px #FE79D2; box-shadow:4px 4px 4px  
4px #FE79D2 }
```

# Background

The CSS property to change the background color of an element to Decimal 16677330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE79D2 }
```

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

```
.background{ background-color:#FE79D2 }
```

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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