

# Converting Colors

Decimal(16156612)

Have a look what the booklet for  
Decimal(16156612) contains.

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# **Color**

**Decimal(16156612)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F687C4
RGB	246, 135, 196
RGB Percent	96%, 53%, 77%
CMY	0.0353, 0.4706, 0.2314
CMYK	0.00, 0.45, 0.20, 0.04
HSL	327°, 86%, 75%
HSV	327°, 45%, 96%
XYZ	56.6338, 40.9063, 57.1353
YIQ	175.1430, 46.5750, 42.5030

# Conversions

## Conversions Part 2

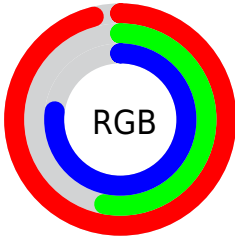
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	246, 135, 196
Decimal	16156612
CIE <sub>Lab</sub>	70.11, 49.58, -12.85
CIE <sub>LCh</sub>	70, 51.216, 345.469
Yxy	40.9063, 0.3661, 0.2645
Android (android.graphics.Color)	4294346692 (0xFFFF687C4)
YUV	175.1430, 10.2825, 62.1416
Hunter-Lab	63.9580, 46.1323, -8.1946

# Details

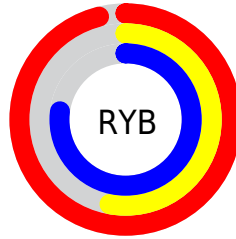
The Decimal color **16156612** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **8910521**, and the grayscale version is **11513775**.

A 20% lighter version of the original color is **16760829**, and **12276110** is the 20% darker color. If you saturate the color by 10%, you get **16150201**, and if you desaturate by 10%, it is **16163023**.

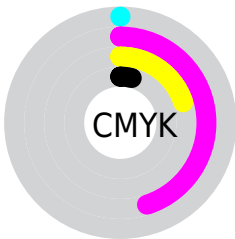
# Distribution



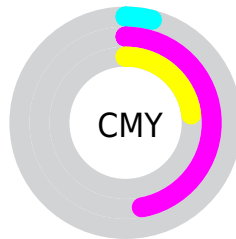
- Red (96%)
- Green (53%)
- Blue (77%)



- Red (96%)
- Yellow (53%)
- Blue (77%)



- Cyan (0%)
- Magenta (45%)
- Yellow (20%)
- Black (4%)

















- Cyan (4%)
- Magenta (47%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16156612 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 16156612 by changing the saturation by 10% instead.



 16156612	 16156612
16777215	 14183593
 16760829	 12276110
 16767999	 10434165
 16775423	 8591708
	 6815812
	 5046318
	 3538970
	 1114112
	 0

■ 16156612

■ 16156612

■ 16150201

■ 16163023

■ 16144046

■ 16169178

■ 16137635

■ 16175589

■ 16131480

■ 16181744

■ 16125069

■ 16187387

■ 16121991

■ 16187391

# Harmonies

## Analogous

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



13539053



16156612



16745877

# Triad

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



16156612



11513934



49389

# Complementary

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



16156612



8910521

# 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.



50115



16156612



8108904

# Square

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



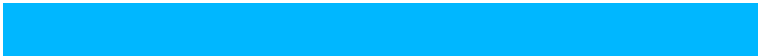
16156612



14328144



2671250



47103

# Rectangle

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



16156612



16681848



2671250



49632



# Sweetspot

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



16156612



16767983



12158966



8415862



0



8421504



# Same Dimension

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



16156612



16741825



16156557



8023669



12189798



3866656



# Inverse Universe

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



16156612



16741825



8910576



8023669



12189798



3866656



# Previews

## White Background



This preview shows how the Decimal color 16156612 looks on a white background.

## Color Contrast Check

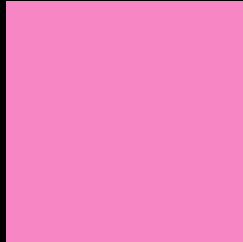
Large Text (above 18pt) WCAG AA × Fail

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 16156612 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 16156612 Background



This preview shows how black text looks on a background with the Decimal color 16156612.



This preview shows how white text looks on a background with the Decimal color 16156612.

# 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**  
15896474

# Trichromacy



**Original Color**  
16156612



**Protanomaly**  
12557779



**Deuteranomaly**  
13409216



**Tritanomaly**  
15961257

# Monochromacy



**Original Color**  
16156612



**Achromatopsia**  
11513775



**Achromatomaly**  
13213879

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16156612 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 #F687C4 looks like.

```
.text, #text, p{  
  color:#F687C4  
}
```

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 #F687C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F687C4
}
```

## Border

The CSS property to change the border of an element to Decimal 16156612 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
#F687C4 }
```

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

```
.border{ border-color:#F687C4 }
```

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

Here you see how a box with a 4 pixel #F687C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F687C4; -webkit-box-shadow:4px 4px  
4px 4px #F687C4; box-shadow:4px 4px 4px  
4px #F687C4 }
```

# Background

The CSS property to change the background color of an element to Decimal 16156612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F687C4 }
```

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

```
.background{ background-color:#F687C4 }
```

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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