

# Converting Colors

Decimal(16476918)

Have a look what the booklet for  
Decimal(16476918) contains.

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# **Color**

**Decimal(16476918)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FB6AF6
RGB	251, 106, 246
RGB Percent	98%, 42%, 96%
CMY	0.0157, 0.5843, 0.0353
CMYK	0.00, 0.58, 0.02, 0.02
HSL	302°, 95%, 70%
HSV	302°, 58%, 98%
XYZ	61.5722, 37.4711, 91.1762
YIQ	165.3150, 41.4800, 74.2800

# Conversions

## Conversions Part 2

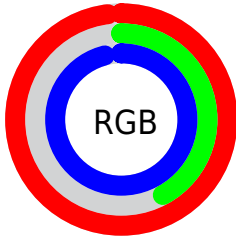
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	251, 106, 246
Decimal	16476918
CIE <sub>Lab</sub>	67.63, 72.16, -44.32
CIE <sub>LCh</sub>	68, 84.687, 328.441
Yxy	37.4711, 0.3237, 0.1970
Android (android.graphics.Color)	4294666998 (0xFFFB6AF6)
YUV	165.3150, 39.7777, 75.1457
Hunter-Lab	61.2137, 72.4218, -45.4614

# Details

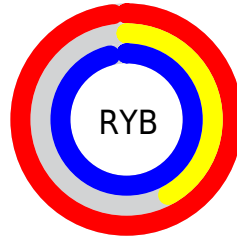
The Decimal color **16476918** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **7011183**, and the grayscale version is **10855845**.

A 20% lighter version of the original color is **16753919**, and **12528573** is the 20% darker color. If you saturate the color by 10%, you get **16470517**, and if you desaturate by 10%, it is **16483319**.

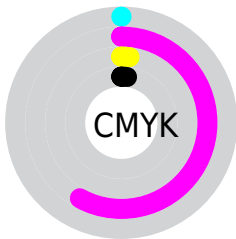
# Distribution



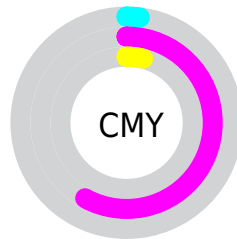
- Red (98%)
- Green (42%)
- Blue (96%)



- Red (98%)
- Yellow (42%)
- Blue (96%)



- Cyan (0%)
- Magenta (58%)
- Yellow (2%)
- Black (2%)


















- Cyan (2%)
- Magenta (58%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16476918 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 16476918 by changing the saturation by 10% instead.



 16476918	 16476918
16777215	 14503129
 16753919	 12528573
 16761343	 10616994
 16769023	 8716423
 16776703	 6881389
	 5046356
	 3407932
	 1179685
	 270

 16476918

 16476918

 16470517

 16483319

 16464116

 16489720

 16457715

 16496121

 16451315

 16502521

 16449778

 16508922

 16515067

 16515068

 16515069

 16515070

# Harmonies

## Analogous

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



9802495



16476918



16731052

# Triad

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



16476918



13213696



50924

# Complementary

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



16476918



7011183

# 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.



50846



16476918



8303872

# Square

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



16476918



16744465



49486



49407

# Rectangle

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



16476918



16732281



49486



51155



# Sweetspot

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



16476918



16766206



7301883



8414847



0



8421504



# Same Dimension

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



16476918



16732153



16476846



8220797



12386486



3997755



# Inverse Universe

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



16476918



16732153



7011255



8220797



12386486



3997755



# Previews

## White Background



This preview shows how the Decimal color 16476918 looks on a white background.

## Color Contrast Check

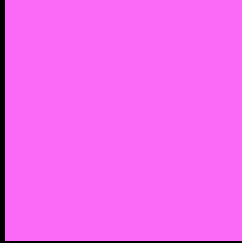
Large Text (above 18pt) WCAG AA × Fail

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 16476918 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 16476918 Background



This preview shows how black text looks on a background with the Decimal color 16476918.




This preview shows how white text looks on a background with the Decimal color 16476918.

# 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**  
15697551

# Trichromacy



**Original Color**  
16476918



**Protanomaly**  
11439868



**Deuteranomaly**  
11702000



**Tritanomaly**  
15957172

# Monochromacy



**Original Color**  
16476918



**Achromatopsia**  
10855845



**Achromatomaly**  
12882114

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16476918 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 #FB6AF6 looks like.

```
.text, #text, p{  
    color:#FB6AF6  
}
```

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 #FB6AF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB6AF6
}
```

## Border

The CSS property to change the border of an element to Decimal 16476918 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
#FB6AF6 }
```

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

```
.border{ border-color:#FB6AF6 }
```

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

Here you see how a box with a 4 pixel #FB6AF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB6AF6; -webkit-box-shadow:4px 4px  
4px 4px #FB6AF6; box-shadow:4px 4px 4px  
4px #FB6AF6 }
```

# Background

The CSS property to change the background color of an element to Decimal 16476918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB6AF6 }
```

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

```
.background{ background-color:#FB6AF6 }
```

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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