

# Converting Colors

Decimal(16716498)

Have a look what the booklet for  
Decimal(16716498) contains.

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# Color

**Decimal(16716498)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF12D2
RGB	255, 18, 210
RGB Percent	100%, 7%, 82%
CMY	0.0000, 0.9294, 0.1765
CMYK	0.00, 0.93, 0.18, 0.00
HSL	311°, 100%, 54%
HSV	311°, 93%, 100%
XYZ	53.0892, 26.3458, 63.2599
YIQ	110.7510, 79.6200, 109.9560

# Conversions

## Conversions Part 2

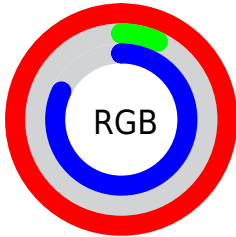
Format	Color
R <sub>YB</sub>	255, 18, 210
Decimal	16716498
CIE <sub>Lab</sub>	58.36, 91.24, -38.67
CIE <sub>LCh</sub>	58, 99.098, 337.030
Yxy	26.3458, 0.3720, 0.1846
Android (android.graphics.Color)	4294906578 (0xFFFF12D2)
YUV	110.7510, 48.9298, 126.5064
Hunter-Lab	51.3281, 94.8001, -37.1429

# Details

The Decimal color **16716498** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **1244991**, and the grayscale version is **7237230**.

A 20% lighter version of the original color is **16739327**, and **12648603** is the 20% darker color. If you saturate the color by 10%, you get **16711887**, and if you desaturate by 10%, it is **16723159**.

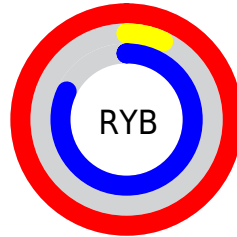
# Distribution



Red (100%)

Green (7%)

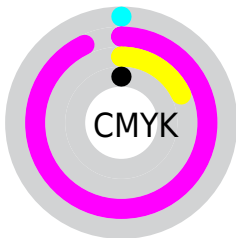
Blue (82%)



Red (100%)

Yellow (7%)

Blue (82%)

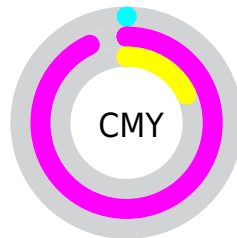


Cyan (0%)

Magenta (93%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (93%)


















Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16716498 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 16716498 by changing the saturation by 10% instead.



 16716498	 16716498
 16777215	 14680246
 16739327	 12648603
 16747519	 10682497
 16755455	 8716391
 16763391	 6750286
 16771327	 4915255
	 2949152
	 3
	 0

 16716498

 16716498

 16711887

 16723159

 16729564

 16736225

 16742629

 16749290

 16755695

 16762356

 16768761

 16775422

# Harmonies

## Analogous

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



10447103



16716498



16711804

# Triad

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



16716498



10063872



45044

# Complementary

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



16716498



1244991

# 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.



44959



16716498



2859776

# Square

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



16716498



14576896



43842



43007

# Rectangle

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



16716498



16711748



43842



45018



# Sweetspot

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



16716498



16759025



4002559



8410231



0



8421504



# Same Dimension

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



16716498



16711887



16716381



8418173



12517531



4194356



# Inverse Universe

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



16716498



16711887



1245108



8418173



12517531



4194356



# Previews

## White Background



This preview shows how the Decimal color 16716498 looks on a white background.

## Color Contrast Check

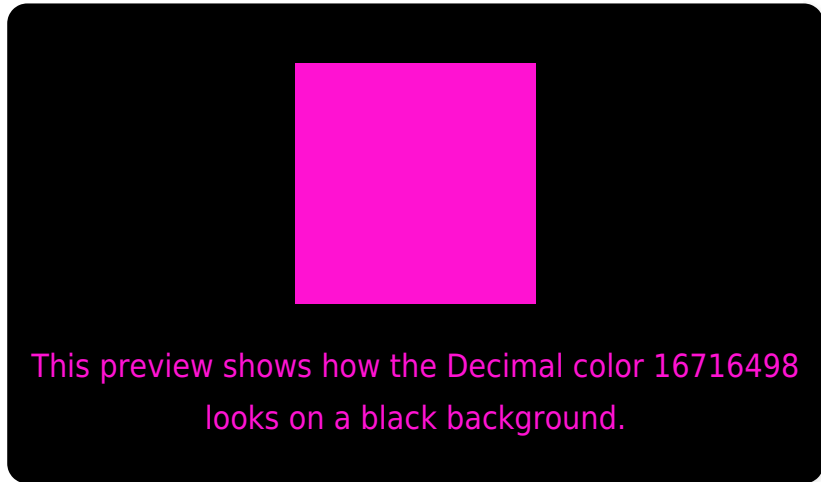
Large Text (above 18pt) WCAG AA ✓ Pass

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 16716498 Background



This preview shows how black text looks on a background with the Decimal color 16716498.



This preview shows how white text looks on a background with the Decimal color 16716498.

# 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**  
16077913

# Trichromacy



**Original Color**  
16716498



**Protanomaly**  
9527023



**Deuteranomaly**  
11165642



**Tritanomaly**  
16333957

# Monochromacy



**Original Color**  
16716498



**Achromatopsia**  
7303023



**Achromatomaly**  
10702227

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16716498 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 #FF12D2 looks like.

```
.text, #text, p{  
    color:#FF12D2  
}
```

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 #FF12D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF12D2
}
```

## Border

The CSS property to change the border of an element to Decimal 16716498 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
#FF12D2 }
```

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

```
.border{ border-color:#FF12D2 }
```

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

Here you see how a box with a 4 pixel #FF12D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF12D2; -webkit-box-shadow:4px 4px  
4px 4px #FF12D2; box-shadow:4px 4px 4px  
4px #FF12D2 }
```

# Background

The CSS property to change the background color of an element to Decimal 16716498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF12D2 }
```

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

```
.background{ background-color:#FF12D2 }
```

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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