

# Converting Colors

Decimal(16712096)

Have a look what the booklet for  
Decimal(16712096) contains.

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**Color**

**Decimal(16712096)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF01A0
RGB	255, 1, 160
RGB Percent	100%, 0%, 63%
CMY	0.0000, 0.9961, 0.3725
CMYK	0.00, 1.00, 0.37, 0.00
HSL	322°, 100%, 50%
HSV	322°, 100%, 100%
XYZ	47.5960, 23.8198, 35.3468
YIQ	95.0720, 100.3450, 103.2970

# Conversions

## Conversions Part 2

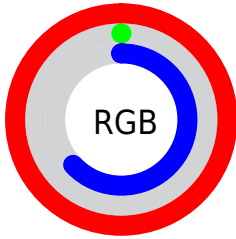
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 1, 160
Decimal	16712096
CIE <sub>Lab</sub>	55.91, 87.11, -13.48
CIE <sub>LCh</sub>	56, 88.145, 351.205
Yxy	23.8198, 0.4458, 0.2231
Android (android.graphics.Color)	4294902176 (0xFFFF01A0)
YUV	95.0720, 32.0095, 140.2569
Hunter-Lab	48.8055, 88.6668, -8.7762

# Details

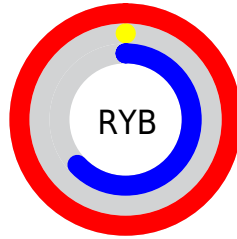
The Decimal color **16712096** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **130912**, and the grayscale version is **6250335**.

A 20% lighter version of the original color is **16737751**, and **12583021** is the 20% darker color. If you saturate the color by 10%, you get **16711840**, and if you desaturate by 10%, it is **16718506**.

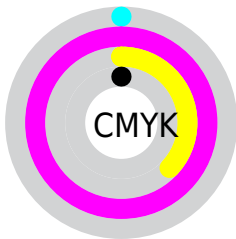
# Distribution



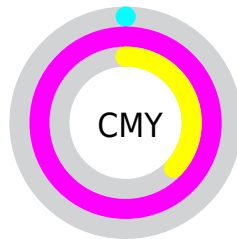
- Red (100%)
- Green (0%)
- Blue (63%)



- Red (100%)
- Yellow (0%)
- Blue (63%)



- Cyan (0%)
- Magenta (100%)
- Yellow (37%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16712096 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 16712096 by changing the saturation by 10% instead.



 16712096

 16712096

16777215

 14614662

 16737751

 12583021

 16745971

 10551380

 16753919

 8585277

 16761855

 6553639

 16769791

 4653074

 2621441

 0

 16712096

 16712096

■ 16711840

■ 16718506

■ 16725171

■ 16731837

■ 16738246

■ 16744912

■ 16751321

■ 16757731

■ 16764396

■ 16771062

# Harmonies

## Analogous

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



13193447



16712096



16716884

# Triad

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



16712096



7311872



41982

# Complementary

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



16712096



130912

# 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.



42684



16712096



40717

# Square

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



16712096



11893504



42092



38911

# Rectangle

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



16712096



16204577



42092



42474



# Sweetspot

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



16712096



16757730



6160895



8409710



0



8421504



# Same Dimension

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



16712096



16711840



16711971



8418171



12517496



4194344



# Inverse Universe

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



16712096



16711840



131037



8418171



12517496



4194344



# Previews

## White Background



This preview shows how the Decimal color 16712096 looks on a white background.

## Color Contrast Check

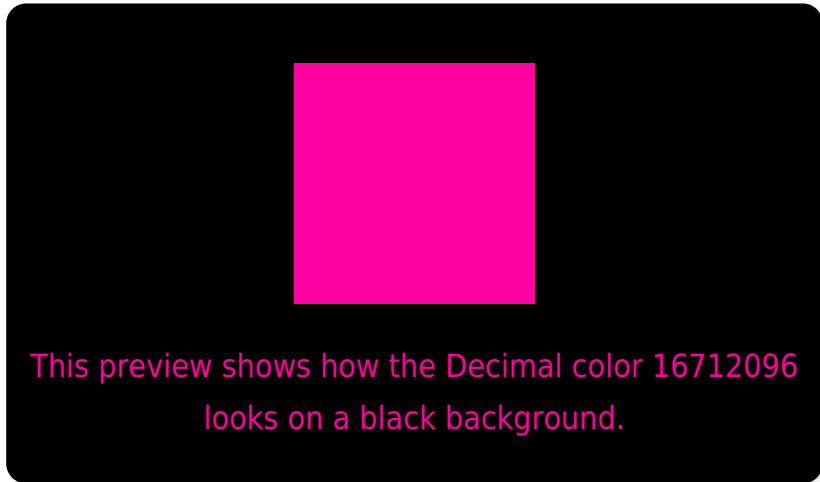
Large Text (above 18pt) WCAG AA ✓ Pass

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 16712096 Background



This preview shows how black text looks on a background with the Decimal color 16712096.




This preview shows how white text looks on a background with the Decimal color 16712096.

# 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**  
16334657

# Trichromacy



**Original Color**  
16712096



**Protanomaly**  
10048716



**Deuteranomaly**  
12014745



**Tritanomaly**  
16459876

# Monochromacy



**Original Color**  
16712096



**Achromatopsia**  
6250335



**Achromatomaly**  
10042743

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16712096 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 #FF01A0 looks like.

```
.text, #text, p{  
    color:#FF01A0  
}
```

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 #FF01A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF01A0
}
```

## Border

The CSS property to change the border of an element to Decimal 16712096 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
#FF01A0 }
```

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

```
.border{ border-color:#FF01A0 }
```

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

Here you see how a box with a 4 pixel #FF01A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF01A0; -webkit-box-shadow:4px 4px  
4px 4px #FF01A0; box-shadow:4px 4px 4px  
4px #FF01A0 }
```

# Background

The CSS property to change the background color of an element to Decimal 16712096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF01A0 }
```

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

```
.background{ background-color:#FF01A0 }
```

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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