

# Converting Colors

Decimal(16712171)

Have a look what the booklet for  
Decimal(16712171) contains.

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**Color**

**Decimal(16712171)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF01EB
RGB	255, 1, 235
RGB Percent	100%, 0%, 92%
CMY	0.0000, 0.9961, 0.0784
CMYK	0.00, 1.00, 0.08, 0.00
HSL	305°, 100%, 50%
HSV	305°, 100%, 100%
XYZ	56.2463, 27.2799, 80.8983
YIQ	103.6220, 76.2700, 126.6220

# Conversions

## Conversions Part 2

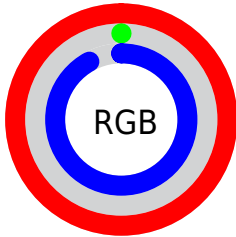
Format	Color
<a href="#">RYB</a>	255, 1, 235
Decimal	16712171
CIELab	59.23, 95.50, -51.43
CIELCh	59, 108.471, 331.695
Yxy	27.2799, 0.3421, 0.1659
Android (android.graphics.Color)	4294902251 (0xFFFF01EB)
YUV	103.6220, 64.7694, 132.7585
Hunter-Lab	52.2301, 100.8226, -55.2721

# Details

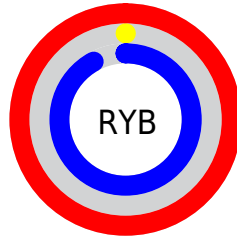
The Decimal color **16712171** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **130837**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **16738815**, and **12648626** is the 20% darker color. If you saturate the color by 10%, you get **16711915**, and if you desaturate by 10%, it is **16718573**.

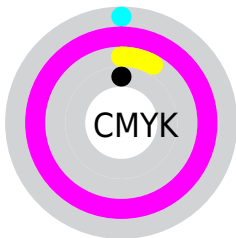
# Distribution



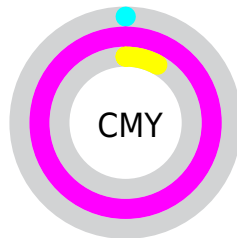
- Red (100%)
- Green (0%)
- Blue (92%)



- Red (100%)
- Yellow (0%)
- Blue (92%)



- Cyan (0%)
- Magenta (100%)
- Yellow (8%)
- Black (0%)



















- Cyan (0%)
- Magenta (100%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16712171 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 16712171 by changing the saturation by 10% instead.



 16712171	 16712171
16777215	 14680270
 16738815	 12648626
 16747007	 10682519
 16755199	 8716413
 16763135	 6750307
 16771071	 4915274
	 2883634
	 28
	 0

■ 16712171

■ 16712171

■ 16711915

■ 16718573

■ 16725231

■ 16731889

■ 16738291

■ 16744949

■ 16751351

■ 16757753

■ 16764411

■ 16771069

# Harmonies

## Analogous

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



8221183



16712171



16711822

# Triad

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



16712171



11111680



46322

# Complementary

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



16712171



130837

# 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.



45970



16712171



4105216

# Square

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



16712171



15884800



44837



45055

# Rectangle

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



16712171



16711760



44837



46291



# Sweetspot

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



16712171



16757753



1180159



8409724



0



8421504



# Same Dimension

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



16712171



16711915



16712047



8418174



12517552



4194363



# Inverse Universe

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



16712171



16711915



130961



8418174



12517552



4194363



# Previews

## White Background



This preview shows how the Decimal color 16712171 looks on a white background.

## Color Contrast Check

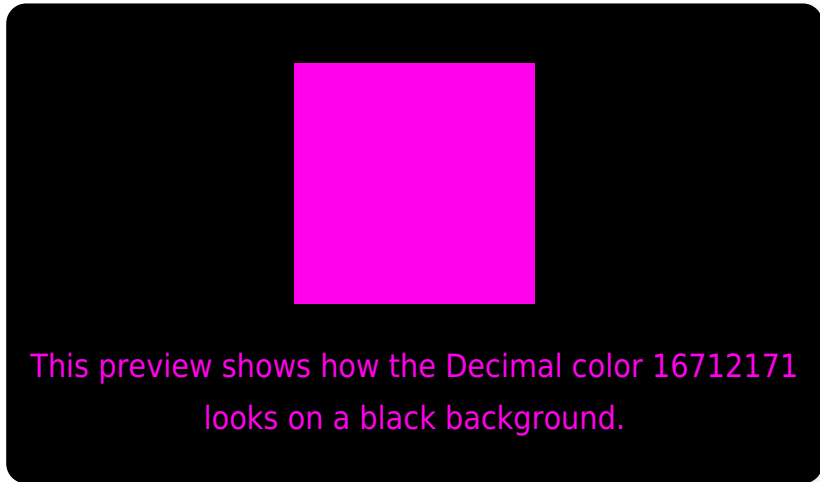
Large Text (above 18pt) WCAG AA ✓ Pass

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 16712171 Background



This preview shows how black text looks on a background with the Decimal color 16712171.



This preview shows how white text looks on a background with the Decimal color 16712171.

# 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





# Trichromacy



**Original Color**  
16712171



**Protanomaly**  
9722360



**Deuteranomaly**  
10509282



**Tritanomaly**  
16202644

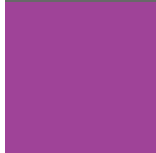
# Monochromacy



**Original Color**  
16712171



**Achromatopsia**  
6842472



**Achromatomaly**  
10437528

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16712171 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 #FF01EB looks like.

```
.text, #text, p{  
    color:#FF01EB  
}
```

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 #FF01EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF01EB
}
```

## Border

The CSS property to change the border of an element to Decimal 16712171 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
#FF01EB }
```

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

```
.border{ border-color:#FF01EB }
```

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

Here you see how a box with a 4 pixel #FF01EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF01EB; -webkit-box-shadow:4px 4px  
4px 4px #FF01EB; box-shadow:4px 4px 4px  
4px #FF01EB }
```

# Background

The CSS property to change the background color of an element to Decimal 16712171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF01EB }
```

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

```
.background{ background-color:#FF01EB }
```

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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