

# Converting Colors

Decimal(16731609)

Have a look what the booklet for  
Decimal(16731609) contains.

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# Color

**Decimal(16731609)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF4DD9
RGB	255, 77, 217
RGB Percent	100%, 30%, 85%
CMY	0.0000, 0.6980, 0.1490
CMYK	0.00, 0.70, 0.15, 0.00
HSL	313°, 100%, 65%
HSV	313°, 70%, 100%
XYZ	56.4183, 31.5775, 68.7671
YIQ	146.1820, 61.1480, 81.2760

# Conversions

## Conversions Part 2

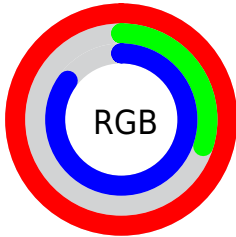
Format	Color
<a href="#">RYB</a>	<a href="#">255, 77, 217</a>
Decimal	<a href="#">16731609</a>
CIELab	<a href="#">62.99, 79.72, -35.40</a>
CIELCh	<a href="#">63, 87.231, 336.057</a>
Yxy	<a href="#">31.5775, 0.3599, 0.2014</a>
Android (android.graphics.Color)	<a href="#">4294921689</a> ( <a href="#">0xFFFF4DD9</a> )
YUV	<a href="#">146.1820, 34.9133, 95.4334</a>
Hunter-Lab	<a href="#">56.1939, 80.8735, -33.2203</a>

# Details

The Decimal color **16731609** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **5111667**, and the grayscale version is **9605778**.

A 20% lighter version of the original color is **16747519**, and **12714146** is the 20% darker color. If you saturate the color by 10%, you get **16725204**, and if you desaturate by 10%, it is **16738270**.

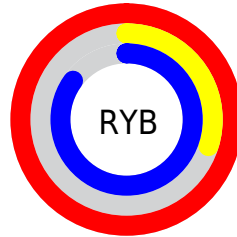
# Distribution



Red (100%)

Green (30%)

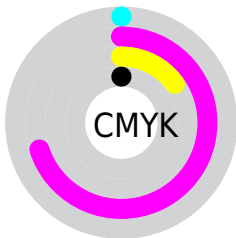
Blue (85%)



Red (100%)

Yellow (30%)

Blue (85%)

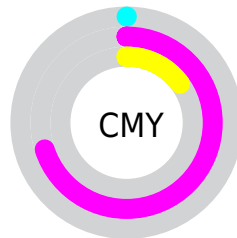


Cyan (0%)

Magenta (70%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (70%)
















Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16731609 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 16731609 by changing the saturation by 10% instead.



 16731609	 16731609
16777215	 14690237
 16747519	 12714146
 16755199	 10813575
 16762879	 8847469
 16770559	 6946901
	 5177405
	 3276838
	 655374
	 0

■ 16731609

■ 16731609

■ 16725204

■ 16738270

■ 16718542

■ 16744676

■ 16712137

■ 16751337

■ 16711881

■ 16757743

■ 16764404

■ 16770810

16777215

# Harmonies

## Analogous

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



11107327



16731609



16724108

# Triad

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



16731609



11180544



47603

# Complementary

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



16731609



5111667

# 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.



47783



16731609



5614848

# Square

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



16731609



15301632



46677



45567

# Rectangle

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



16731609



16728922



46677



47835



# Sweetspot

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



16731609



16763380



7425535



8413305



0



8421504



# Same Dimension

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



16731609



16722385



16731522



8418173



12517526



4194354



# Inverse Universe

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



16731609



16722385



5111754



8418173



12517526



4194354



# Previews

## White Background



This preview shows how the Decimal color 16731609 looks on a white background.

## Color Contrast Check

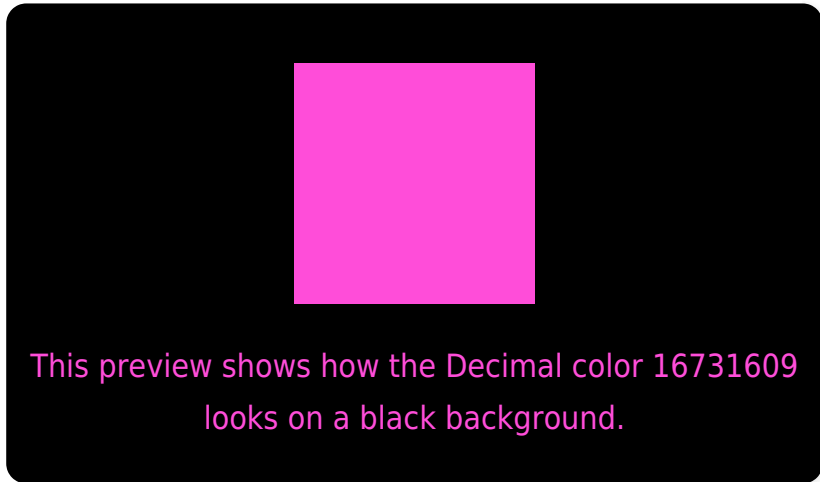
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 16731609 Background



This preview shows how black text looks on a background with the Decimal color 16731609.

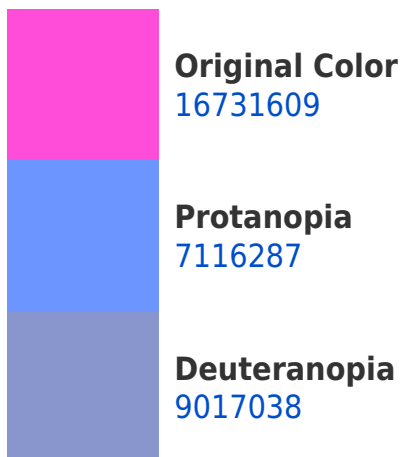


This preview shows how white text looks on a background with the Decimal color 16731609.

# 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**  
16084083

# Trichromacy



**Original Color**  
16731609



**Protanomaly**  
10583025



**Deuteranomaly**  
11828178



**Tritanomaly**  
16343448

# Monochromacy



**Original Color**  
16731609



**Achromatopsia**  
9605778



**Achromatomaly**  
12220844

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16731609 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 #FF4DD9 looks like.

```
.text, #text, p{  
    color:#FF4DD9  
}
```

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 #FF4DD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF4DD9
}
```

## Border

The CSS property to change the border of an element to Decimal 16731609 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
#FF4DD9 }
```

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

```
.border{ border-color:#FF4DD9 }
```

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

Here you see how a box with a 4 pixel #FF4DD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF4DD9; -webkit-box-shadow:4px 4px  
4px 4px #FF4DD9; box-shadow:4px 4px 4px  
4px #FF4DD9 }
```

# Background

The CSS property to change the background color of an element to Decimal 16731609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF4DD9 }
```

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

```
.background{ background-color:#FF4DD9 }
```

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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