

Converting Colors

Decimal(16449737)

Have a look what the booklet for
Decimal(16449737) contains.

Decimal(16449737)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(16449737)

Conversions

Conversions Part 1

Format	Color
Hex	FB00C9
RGB	251, 0, 201
RGB Percent	98%, 0%, 79%
CMY	0.0157, 1.0000, 0.2118
CMYK	0.00, 1.00, 0.20, 0.02
HSL	312°, 100%, 49%
HSV	312°, 100%, 98%
XYZ	50.3263, 24.7263, 57.3785
YIQ	97.9630, 85.0750, 115.7230

Conversions

Conversions Part 2

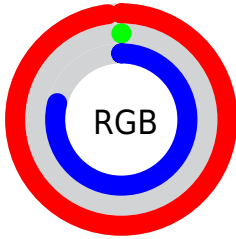
Format	Color
R _Y B	251, 0, 201
Decimal	16449737
CIE Lab	56.81, 90.68, -36.01
CIE LCh	57, 97.567, 338.338
Yxy	24.7263, 0.3800, 0.1867
Android (android.graphics.Color)	4294639817 (0xFFFB00C9)
YUV	97.9630, 50.7972, 134.2134
Hunter-Lab	49.7255, 93.6369, -33.6071

Details

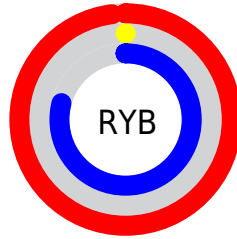
The Decimal color **16449737** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **64306**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **16738047**, and **12386450** is the 20% darker color. If you saturate the color by 10%, you get **16449737**, and if you desaturate by 10%, it is **16456142**.

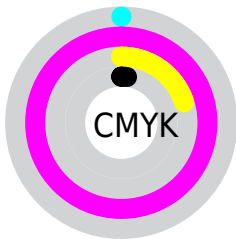
Distribution



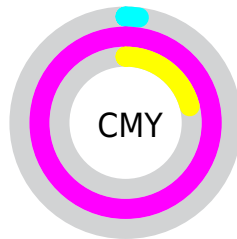
- Red (98%)
- Green (0%)
- Blue (79%)



- Red (98%)
- Yellow (0%)
- Blue (79%)



- Cyan (0%)
- Magenta (100%)
- Yellow (20%)
- Black (2%)



















- Cyan (2%)
- Magenta (100%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16449737 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 16449737 by changing the saturation by 10% instead.

 16449737	 16449737
 16777215	 14418093
 16738047	 12386450
 16746239	 10420344
 16754431	 8454239
 16762367	 6488135
 16770047	 4653104
	 2687002
	 0

 16449737

 16456142

 16462547

 16468952

 16475357

 16482018

 16488423

 16494828

 16501233

 16507638

Harmonies

Analogous

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



10511359



16449737



16711797

Triad

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



16449737



9538816



43761

Complementary

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



16449737



64306

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.



43679



16449737



1941248

Square

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



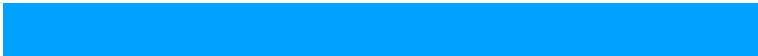
16449737



14052352



42820



41727

Rectangle

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



16449737



16711742



42820



43992

Sweetspot

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



16449737



16757744



3014907



8409718



0



8421504

Same Dimension

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



16449737



16711884



16449615



8220794



12386455



3997745

Inverse Universe

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



16449737



16711884



64428



8220794



12386455



3997745

Previews

White Background



This preview shows how the Decimal color 16449737 looks on a white background.

Color Contrast Check

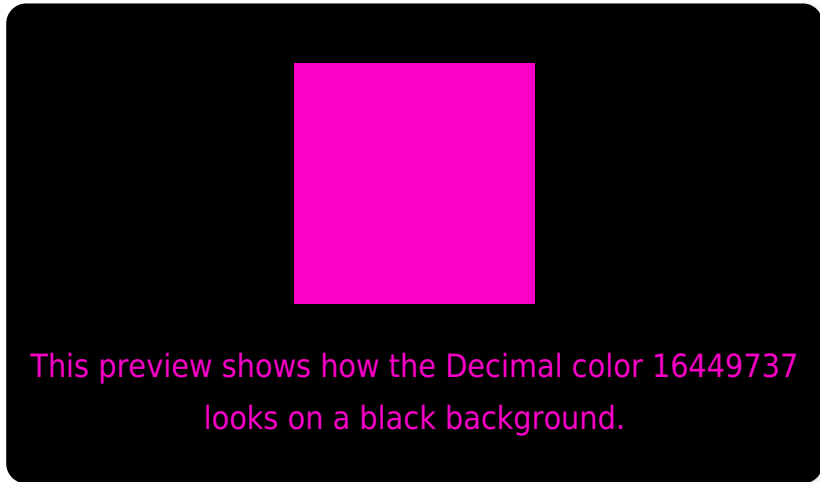
Large Text (above 18pt) WCAG AA ✓ Pass

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 16449737 Background



This preview shows how black text looks on a background with the Decimal color 16449737.




This preview shows how white text looks on a background with the Decimal color 16449737.

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
15814483

Trichromacy



Original Color
16449737



Protanomaly
9065963



Deuteranomaly
11098049



Tritanomaly
16069246

Monochromacy



Original Color
16449737



Achromatopsia
6447714



Achromatomaly
10108551

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16449737 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 #FB00C9 looks like.

```
.text, #text, p{  
    color:#FB00C9  
}
```

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 #FB00C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB00C9
}
```

Border

The CSS property to change the border of an element to Decimal 16449737 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
#FB00C9 }
```

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

```
.border{ border-color:#FB00C9 }
```

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

Here you see how a box with a 4 pixel #FB00C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB00C9; -webkit-box-shadow:4px 4px  
4px 4px #FB00C9; box-shadow:4px 4px 4px  
4px #FB00C9 }
```

Background

The CSS property to change the background color of an element to Decimal 16449737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB00C9 }
```

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

```
.background{ background-color:#FB00C9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor