

# Converting Colors

Decimal(16729016)

Have a look what the booklet for  
Decimal(16729016) contains.

<b>Decimal(16729016)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(16729016)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF43B8
RGB	255, 67, 184
RGB Percent	100%, 26%, 72%
CMY	0.0000, 0.7373, 0.2784
CMYK	0.00, 0.74, 0.28, 0.00
HSL	323°, 100%, 63%
HSV	323°, 74%, 100%
XYZ	51.8989, 28.7350, 48.1584
YIQ	136.5500, 74.4910, 76.2430

# Conversions

## Conversions Part 2

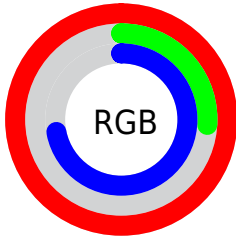
Format	Color
<a href="#">RYB</a>	255, 67, 184
Decimal	16729016
CIELab	60.55, 78.73, -20.40
CIELCh	61, 81.331, 345.470
Yxy	28.7350, 0.4030, 0.2231
Android (android.graphics.Color)	4294919096 (0xFFFF43B8)
YUV	136.5500, 23.3929, 103.8807
Hunter-Lab	53.6050, 79.0098, -15.7422

# Details

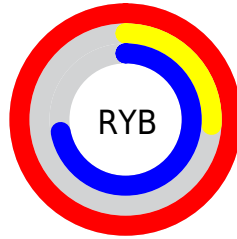
The Decimal color **16729016** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed rose. A complement of this color would be **4456330**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **16745456**, and **12714115** is the 20% darker color. If you saturate the color by 10%, you get **16722350**, and if you desaturate by 10%, it is **16735426**.

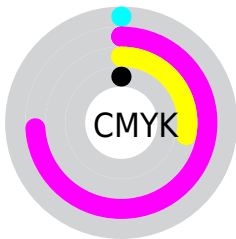
# Distribution



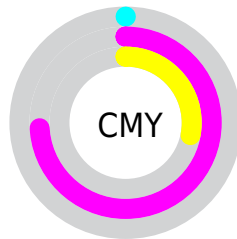
- Red (100%)
- Green (26%)
- Blue (72%)



- Red (100%)
- Yellow (26%)
- Blue (72%)



- Cyan (0%)
- Magenta (74%)
- Yellow (28%)
- Black (0%)



- Cyan (0%)
- Magenta (74%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16729016 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 16729016 by changing the saturation by 10% instead.



 16729016

 16729016

16777215

 14685853

 16745456

 12714115

 16753151

 10682474

 16760831

 8781905

 16768511

 6815802

 16776191

 5046309

 3080204

 0

 16729016

 16729016

■ 16722350

■ 16735426

■ 16715941

■ 16742091

■ 16711839

■ 16748757

■ 16755167

■ 16761832

■ 16768242

■ 16774651

16777215

# Harmonies

## Analogous

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



12741624



16729016



16727152

# Triad

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



16729016



9345536



45048

# Complementary

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



16729016



4456330

# 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.



45494



16729016



2926618

# Square

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



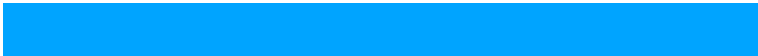
16729016



13468160



44907



42239

# Rectangle

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



16729016



16732739



44907



45284



# Sweetspot

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



16729016



16762858



8930303



8412787



0



8421504



# Same Dimension

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



16729016



16719786



16728924



8418171



12517495



4194344



# Inverse Universe

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



16729016



16719786



4456422



8418171



12517495



4194344



# Previews

## White Background



This preview shows how the Decimal color 16729016 looks on a white background.

## Color Contrast Check

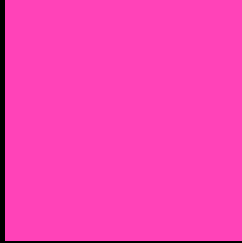
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Decimal color 16729016 looks on a 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 16729016 Background



This preview shows how black text looks on a background with the Decimal color 16729016.

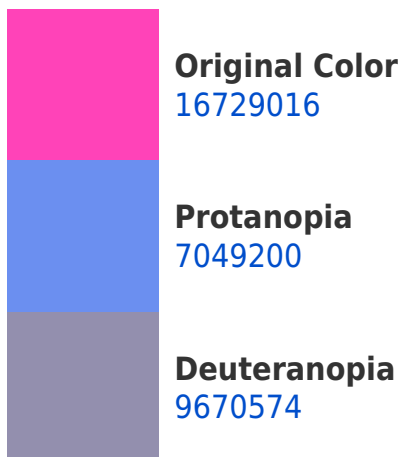


This preview shows how white text looks on a background with the Decimal color 16729016.

# 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**  
16276834

# Trichromacy



**Original Color**  
16729016



**Protanomaly**  
10580956



**Deuteranomaly**  
12219314



**Tritanomaly**  
16471169

# Monochromacy



**Original Color**  
16729016



**Achromatopsia**  
9013641



**Achromatomaly**  
11825306

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16729016 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 #FF43B8 looks like.

```
.text, #text, p{  
  color:#FF43B8  
}
```

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 #FF43B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF43B8
}
```

## Border

The CSS property to change the border of an element to Decimal 16729016 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
#FF43B8 }
```

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

```
.border{ border-color:#FF43B8 }
```

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

Here you see how a box with a 4 pixel #FF43B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF43B8; -webkit-box-shadow:4px 4px  
4px 4px #FF43B8; box-shadow:4px 4px 4px  
4px #FF43B8 }
```

# Background

The CSS property to change the background color of an element to Decimal 16729016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF43B8 }
```

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

```
.background{ background-color:#FF43B8 }
```

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