

# Converting Colors

Decimal(16729036)

Have a look what the booklet for  
Decimal(16729036) contains.

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**Color**

**Decimal(16729036)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF43CC
RGB	255, 67, 204
RGB Percent	100%, 26%, 80%
CMY	0.0000, 0.7373, 0.2000
CMYK	0.00, 0.74, 0.20, 0.00
HSL	316°, 100%, 63%
HSV	316°, 74%, 100%
XYZ	54.1462, 29.6339, 59.9928
YIQ	138.8300, 68.0710, 82.4630

# Conversions

## Conversions Part 2

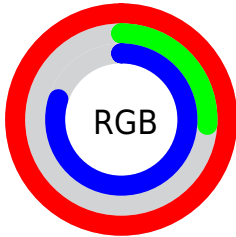
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 67, 204
Decimal	16729036
CIE <sub>Lab</sub>	61.34, 81.14, -30.62
CIE <sub>LCh</sub>	61, 86.726, 339.323
Yxy	29.6339, 0.3766, 0.2061
Android (android.graphics.Color)	4294919116 (0xFFFF43CC)
YUV	138.8300, 32.1288, 101.8811
Hunter-Lab	54.4371, 82.2815, -27.2351

# Details

The Decimal color **16729036** 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 **4456310**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **16745471**, and **12714133** is the 20% darker color. If you saturate the color by 10%, you get **16722373**, and if you desaturate by 10%, it is **16735443**.

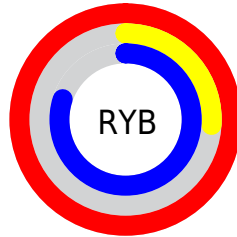
# Distribution



Red (100%)

Green (26%)

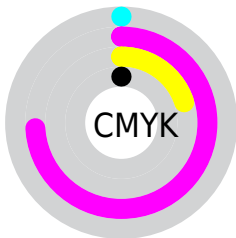
Blue (80%)



Red (100%)

Yellow (26%)

Blue (80%)

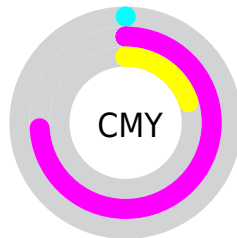


Cyan (0%)

Magenta (74%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (74%)

















Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16729036 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 16729036 by changing the saturation by 10% instead.



 16729036	 16729036
16777215	 14685616
 16745471	 12714133
 16753151	 10748027
 16760831	 8781922
 16768767	 6881354
 16776447	 5111859
	 3145757
	 131072
	 0

■ 16729036

■ 16729036

■ 16722373

■ 16735443

■ 16715966

■ 16742106

■ 16711866

■ 16748769

■ 16755176

■ 16761839

■ 16768246

■ 16774652

16777215

# Harmonies

## Analogous

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



11629567



16729036



16722816

# Triad

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



16729036



10328320



46324

# Complementary

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



16729036



4456310

# 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.



46507



16729036



4434176

# Square

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



16729036



14515200



45658



44031

# Rectangle

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



16729036



16728910



45658



46558



# Sweetspot

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



16729036



16762864



7685119



8412791



0



8421504



# Same Dimension

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



16729036



16719810



16728943



8418172



12517515



4194350



# Inverse Universe

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



16729036



16719810



4456403



8418172



12517515



4194350



# Previews

## White Background



This preview shows how the Decimal color 16729036 looks on a white background.

## Color Contrast Check

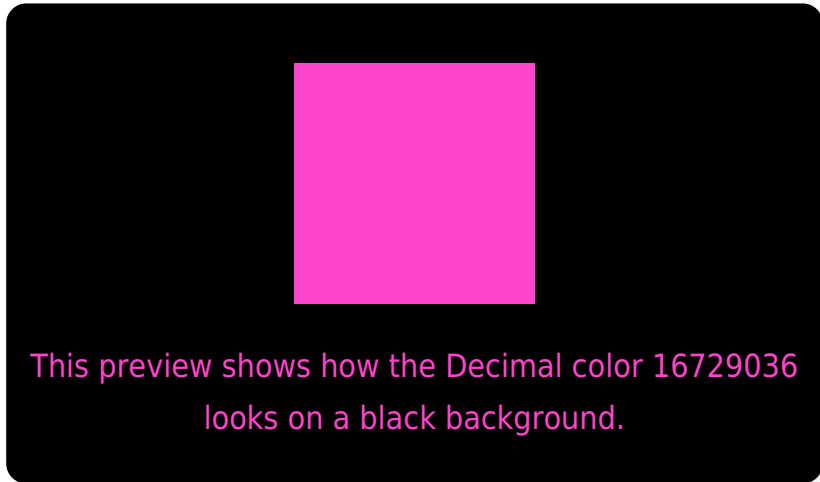
Large Text (above 18pt) WCAG AA ✓ Pass

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 16729036 Background



This preview shows how black text looks on a background with the Decimal color 16729036.



This preview shows how white text looks on a background with the Decimal color 16729036.

# 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**  
16147305

# Trichromacy



**Original Color**  
16729036



**Protanomaly**  
10253804



**Deuteranomaly**  
11892165



**Tritanomaly**  
16340877

# Monochromacy



**Original Color**  
16729036



**Achromatopsia**  
9145227



**Achromatomaly**  
11891107

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16729036 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 #FF43CC looks like.

```
.text, #text, p{  
    color:#FF43CC  
}
```

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 #FF43CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF43CC
}
```

## Border

The CSS property to change the border of an element to Decimal 16729036 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
#FF43CC }
```

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

```
.border{ border-color:#FF43CC }
```

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

Here you see how a box with a 4 pixel #FF43CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF43CC; -webkit-box-shadow:4px 4px  
4px 4px #FF43CC; box-shadow:4px 4px 4px  
4px #FF43CC }
```

# Background

The CSS property to change the background color of an element to Decimal 16729036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF43CC }
```

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

```
.background{ background-color:#FF43CC }
```

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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