

# Converting Colors

Decimal(16589430)

Have a look what the booklet for  
Decimal(16589430) contains.

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**Color**

**Decimal(16589430)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FD2276
RGB	253, 34, 118
RGB Percent	99%, 13%, 46%
CMY	0.0078, 0.8667, 0.5373
CMYK	0.00, 0.87, 0.53, 0.01
HSL	337°, 98%, 56%
HSV	337°, 87%, 99%
XYZ	44.3501, 23.3347, 19.3061
YIQ	109.0570, 103.5600, 72.5520

# Conversions

## Conversions Part 2

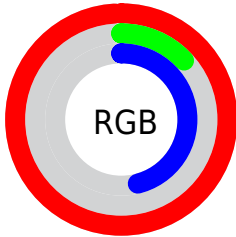
Format	Color
R <sub>Y</sub> B	253, 34, 118
Decimal	16589430
CIE Lab	55.42, 79.99, 10.77
CIE LCh	55, 80.709, 7.669
Yxy	23.3347, 0.5098, 0.2682
Android (android.graphics.Color)	4294779510 (0xFFFD2276)
YUV	109.0570, 4.4089, 126.2380
Hunter-Lab	48.3060, 79.3465, 10.1182

# Details

The Decimal color **16589430** is a dark color, and the websafe version is hex **FF0066**. The color can be described as middle washed rose. A complement of this color would be **2293161**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **16739498**, and **12386374** is the 20% darker color. If you saturate the color by 10%, you get **16583014**, and if you desaturate by 10%, it is **16595846**.

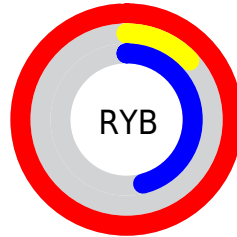
# Distribution



Red (99%)

Green (13%)

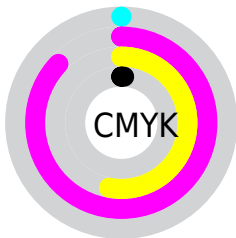
Blue (46%)



Red (99%)

Yellow (13%)

Blue (46%)

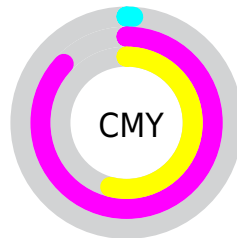


Cyan (0%)

Magenta (87%)

Yellow (53%)

Black (1%)



Cyan (1%)

Magenta (87%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16589430 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 16589430 by changing the saturation by 10% instead.



 16589430

 16589430

16777215

 14483550

 16739498

 12386374

 16747461

 10354736

 16755425

 8257564

 16763133

 6291459

 16770815

 4259843

 2031617

 0

 16589430

 16589430

■ 16583014

■ 16595846

■ 16580705

■ 16602517

■ 16608933

■ 16615348

■ 16621764

■ 16628436

■ 16634851

■ 16641267

16646143

# Harmonies

## Analogous

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



14958011



16589430



15812146

# Triad

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



16589430



4298496



39679

# Complementary

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



16589430



2293161

# 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.



41689



16589430



40780

# Square

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



16589430



9537536



41878



35071

# Rectangle

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



16589430



14246144



41878



40699



# Sweetspot

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



16589430



16760278



10822397



8411239



0



8421504



# Same Dimension

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



16589430



16711778



16594978



8418168



12517449



4194328



# Inverse Universe

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



16589430



16711778



2287613



8418168



12517449



4194328



# Previews

## White Background



This preview shows how the Decimal color 16589430 looks on a white background.

## Color Contrast Check

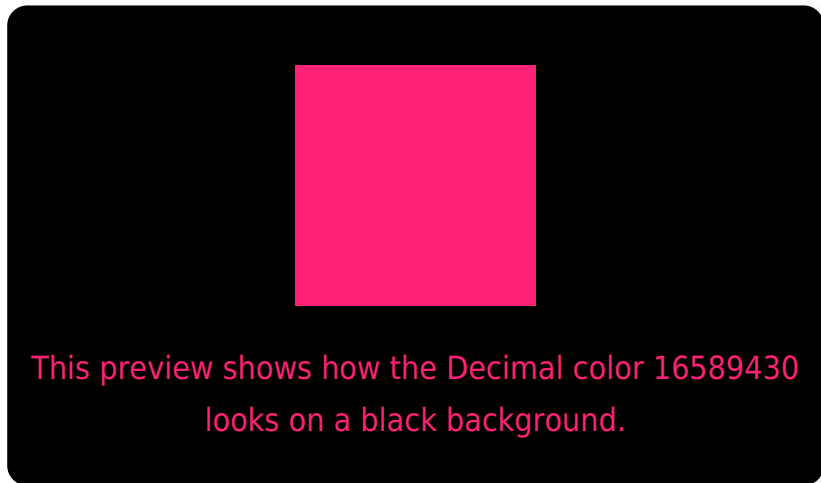
Large Text (above 18pt) WCAG AA ✓ Pass

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 16589430 Background



This preview shows how black text looks on a background with the Decimal color 16589430.

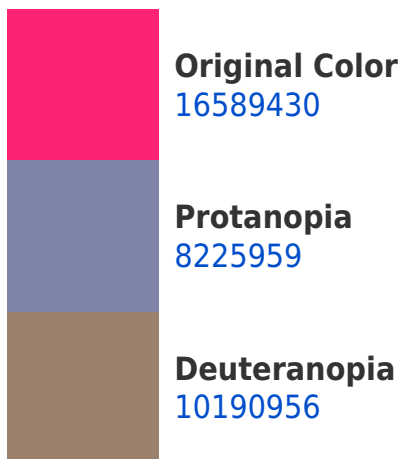


This preview shows how white text looks on a background with the Decimal color 16589430.

# 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**  
16398136

# Trichromacy



**Original Color**  
16589430



**Protanomaly**  
11296917



**Deuteranomaly**  
12541552

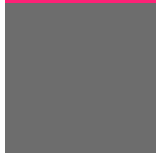


**Tritanomaly**  
16461647

# Monochromacy



**Original Color**  
16589430



**Achromatopsia**  
7171437



**Achromatomaly**  
10572400

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16589430 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 #FD2276 looks like.

```
.text, #text, p{  
  color:#FD2276  
}
```

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 #FD2276 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD2276
}
```

## Border

The CSS property to change the border of an element to Decimal 16589430 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
#FD2276 }
```

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

```
.border{ border-color:#FD2276 }
```

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

Here you see how a box with a 4 pixel #FD2276 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD2276; -webkit-box-shadow:4px 4px  
4px 4px #FD2276; box-shadow:4px 4px 4px  
4px #FD2276 }
```

# Background

The CSS property to change the background color of an element to Decimal 16589430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD2276 }
```

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

```
.background{ background-color:#FD2276 }
```

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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