

# Converting Colors

Decimal(16059989)

Have a look what the booklet for  
Decimal(16059989) contains.

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**Color**

**Decimal(16059989)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F50E55
RGB	245, 14, 85
RGB Percent	96%, 5%, 33%
CMY	0.0392, 0.9451, 0.6667
CMYK	0.00, 0.94, 0.65, 0.04
HSL	342°, 92%, 51%
HSV	342°, 94%, 96%
XYZ	39.4529, 20.3824, 10.4491
YIQ	91.1630, 114.8850, 71.0530

# Conversions

## Conversions Part 2

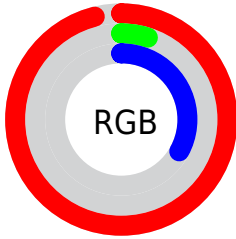
<b>Format</b>	<b>Color</b>
<b>RYB</b>	245, 14, 85
Decimal	16059989
CIELab	52.27, 78.72, 26.13
CIELCh	52, 82.949, 18.365
Yxy	20.3824, 0.5613, 0.2900
Android (android.graphics.Color)	4294250069 (0xFFFF50E55)
YUV	91.1630, -3.0384, 134.9150
Hunter-Lab	45.1469, 76.9803, 17.8803

# Details

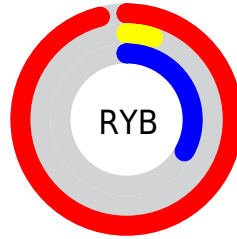
The Decimal color **16059989** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark saturated red. A complement of this color would be **980398**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **16737158**, and **11796521** is the 20% darker color. If you saturate the color by 10%, you get **16056395**, and if you desaturate by 10%, it is **16066406**.

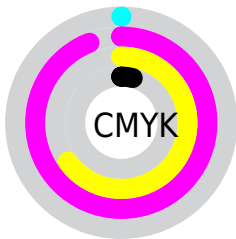
# Distribution



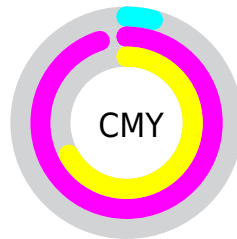
- Red (96%)
- Green (5%)
- Blue (33%)



- Red (96%)
- Yellow (5%)
- Blue (33%)



- Cyan (0%)
- Magenta (94%)
- Yellow (65%)
- Black (4%)



- Cyan (4%)
- Magenta (95%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16059989 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 16059989 by changing the saturation by 10% instead.



 16059989	 16059989
16777215	 13893694
 16737158	 11796521
 16745120	 9699350
 16752827	 7667714
 16760791	 5636100
 16768499	 3538946
 16776191	 393216
	 0
 16059989	 16059989

■ 16056395

■ 16066406

■ 16072567

■ 16078984

■ 16085145

■ 16091562

■ 16097723

■ 16104140

■ 16110301

■ 16116718

# Harmonies

## Analogous

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



15340188



16059989



14502404

# Triad

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



16059989



37632



36607

# Complementary

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



16059989



980398

# 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.



39143



16059989



39261

# Square

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



16059989



7309056



39592



30719

# Rectangle

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



16059989



12608768



39592



37631



# Sweetspot

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



16059989



16758990



11276021



8410209



0



8421504



# Same Dimension

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



16059989



16711758



16070670



8023666



12189753



3866642



# Inverse Universe

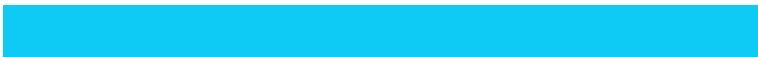
The Inverse Universe completely reimagines the original color for something new.



16059989



16711758



969717



8023666



12189753



3866642



# Previews

## White Background



This preview shows how the Decimal color 16059989 looks on a white background.

## Color Contrast Check

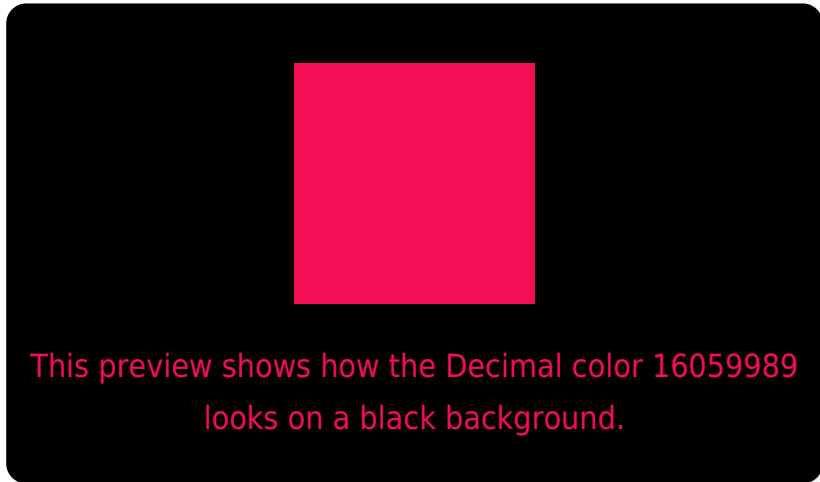
Large Text (above 18pt) WCAG AA ✓ Pass

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 16059989 Background



This preview shows how black text looks on a background with the Decimal color 16059989.

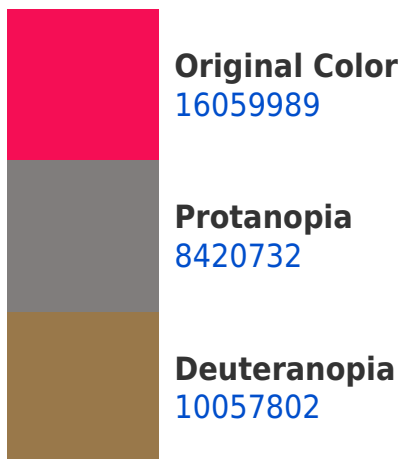


This preview shows how white text looks on a background with the Decimal color 16059989.

# 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**  
15934497

# Trichromacy



**Original Color**  
16059989



**Protanomaly**  
11228526



**Deuteranomaly**  
12210510

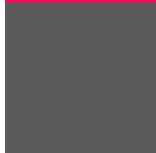


**Tritanomaly**  
15998004

# Monochromacy



**Original Color**  
16059989



**Achromatopsia**  
5987163



**Achromatomaly**  
9650009

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16059989 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 #F50E55 looks like.

```
.text, #text, p{  
    color:#F50E55  
}
```

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 #F50E55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F50E55
}
```

## Border

The CSS property to change the border of an element to Decimal 16059989 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".

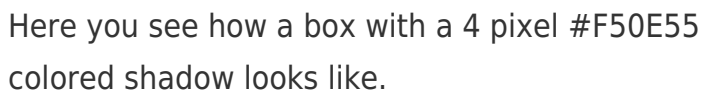
```
.border, #border, table{ border:4px solid
#F50E55 }
```

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

```
.border{ border-color:#F50E55 }
```

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

Here you see how a box with a 4 pixel #F50E55 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F50E55; -webkit-box-shadow:4px 4px  
4px 4px #F50E55; box-shadow:4px 4px 4px  
4px #F50E55 }
```

# Background

The CSS property to change the background color of an element to Decimal 16059989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F50E55 }
```

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

```
.background{ background-color:#F50E55 }
```

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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