

# Converting Colors

Decimal(16063989)

Have a look what the booklet for  
Decimal(16063989) contains.

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**Color**

**Decimal(16063989)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F51DF5
RGB	245, 29, 245
RGB Percent	96%, 11%, 96%
CMY	0.0392, 0.8863, 0.0392
CMYK	0.00, 0.88, 0.00, 0.04
HSL	300°, 92%, 54%
HSV	300°, 88%, 96%
XYZ	54.5770, 26.8838, 88.6988
YIQ	118.2080, 59.4000, 112.9680

# Conversions

## Conversions Part 2

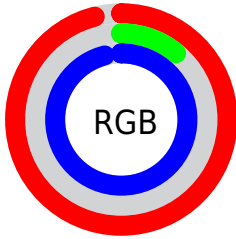
Format	Color
R <sub>Y</sub> B	245, 29, 245
Decimal	16063989
CIE Lab	58.87, 92.88, -57.71
CIE LCh	59, 109.351, 328.148
Yxy	26.8838, 0.3207, 0.1580
Android (android.graphics.Color)	4294254069 (0xFFFF51DF5)
YUV	118.2080, 62.5085, 111.1966
Hunter-Lab	51.8496, 97.1528, -65.1324

# Details

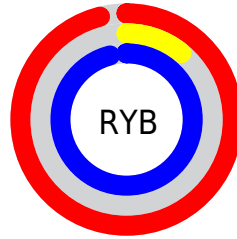
The Decimal color **16063989** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **1963293**, and the grayscale version is **7763574**.

A 20% lighter version of the original color is **16740095**, and **12058812** is the 20% darker color. If you saturate the color by 10%, you get **16057845**, and if you desaturate by 10%, it is **16070389**.

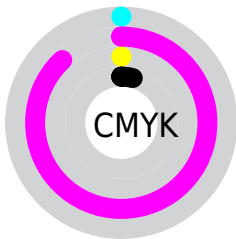
# Distribution



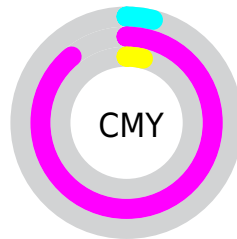
- Red (96%)
- Green (11%)
- Blue (96%)



- Red (96%)
- Yellow (11%)
- Blue (96%)



- Cyan (0%)
- Magenta (88%)
- Yellow (0%)
- Black (4%)



















- Cyan (4%)
- Magenta (89%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16063989 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 16063989 by changing the saturation by 10% instead.



 16063989	 16063989
16777215	 14024920
 16740095	 12058812
 16748287	 10092704
 16756223	 8126597
 16764159	 6160491
 16772095	 4390994
	 2293818
	 291
	 10

 16063989

 16063989

 16057845

 16070389

 16056565

 16076533

 16082933

 16089077

 16095477

 16101621

 16108021

 16114165

 16120565

# Harmonies

## Analogous

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



5863167



16063989



16711832

# Triad

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



16063989



11634944



46055

# Complementary

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



16063989



1963293

# 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.



45701



16063989



5153024

# Square

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



16063989



16275712



44297



45055

# Rectangle

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



16063989



16711770



44297



46023



# Sweetspot

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



16063989



16760319



1908213



8411264



0



8421504



# Same Dimension

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



16063989



16711935



16063881



8023674



12189882



3866683



# Inverse Universe

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



16063989



16711935



1963401



8023674



12189882



3866683



# Previews

## White Background



This preview shows how the Decimal color 16063989 looks on a white background.

## Color Contrast Check

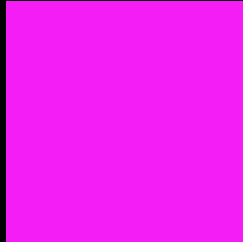
Large Text (above 18pt) WCAG AA ✓ Pass

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 16063989 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 16063989 Background



This preview shows how black text looks on a background with the Decimal color 16063989.



This preview shows how white text looks on a background with the Decimal color 16063989.

# 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**  
15098729

# Trichromacy



**Original Color**  
16063989



**Protanomaly**  
9331451



**Deuteranomaly**  
9528812



**Tritanomaly**  
15420060

# Monochromacy



**Original Color**  
16063989



**Achromatopsia**  
7763574



**Achromatomaly**  
10770084

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16063989 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 #F51DF5 looks like.

```
.text, #text, p{  
    color:#F51DF5  
}
```

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 #F51DF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F51DF5
}
```

## Border

The CSS property to change the border of an element to Decimal 16063989 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
#F51DF5 }
```

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

```
.border{ border-color:#F51DF5 }
```

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

Here you see how a box with a 4 pixel #F51DF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F51DF5; -webkit-box-shadow:4px 4px  
4px 4px #F51DF5; box-shadow:4px 4px 4px  
4px #F51DF5 }
```

# Background

The CSS property to change the background color of an element to Decimal 16063989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F51DF5 }
```

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

```
.background{ background-color:#F51DF5 }
```

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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