

# Converting Colors

Decimal(16059102)

Have a look what the booklet for  
Decimal(16059102) contains.

<b>Decimal(16059102)</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(16059102)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F50ADE
RGB	245, 10, 222
RGB Percent	96%, 4%, 87%
CMY	0.0392, 0.9608, 0.1294
CMYK	0.00, 0.96, 0.09, 0.04
HSL	306°, 92%, 50%
HSV	306°, 96%, 96%
XYZ	50.9495, 24.9035, 71.2288
YIQ	104.4330, 72.0080, 115.7520

# Conversions

## Conversions Part 2

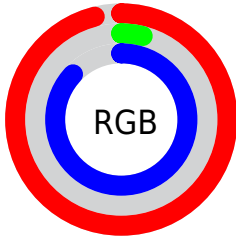
Format	Color
R <sub>YB</sub>	245, 10, 222
Decimal	16059102
CIE Lab	56.98, 91.59, -47.79
CIE LCh	57, 103.309, 332.447
Yxy	24.9035, 0.3464, 0.1693
Android (android.graphics.Color)	4294249182 (0xFFF50ADE)
YUV	104.4330, 57.9605, 123.2773
Hunter-Lab	49.9034, 94.9111, -49.6942

# Details

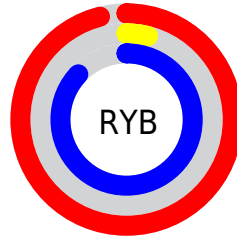
The Decimal color **16059102** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **718113**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **16738559**, and **12058790** is the 20% darker color. If you saturate the color by 10%, you get **16056541**, and if you desaturate by 10%, it is **16065248**.

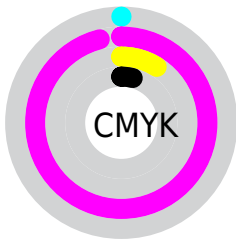
# Distribution



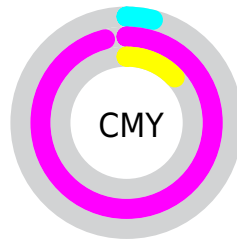
- Red (96%)
- Green (4%)
- Blue (87%)



- Red (96%)
- Yellow (4%)
- Blue (87%)



- Cyan (0%)
- Magenta (96%)
- Yellow (9%)
- Black (4%)



















- Cyan (4%)
- Magenta (96%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16059102 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 16059102 by changing the saturation by 10% instead.



 16059102	 16059102
16777215	 14024898
 16738559	 12058790
 16746751	 10092683
 16754687	 8126577
 16762623	 6226008
 16770559	 4390976
	 2359337
	 274
	 0

 16059102

 16059102

 16056541

 16065248

 16071651

 16078053

 16084200

 16090346

 16096748

 16103151

 16109297

 16115700

# Harmonies

## Analogous

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



8285439



16059102



16711814

# Triad

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



16059102



10520576



44264

# Complementary

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



16059102



718113

# 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.



44174



16059102



3841280

# Square

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



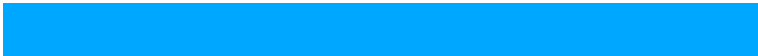
16059102



15032320



42793



43007

# Rectangle

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



16059102



16711755



42793



44236



# Sweetspot

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



16059102



16758264



1968885



8409979



0



8421504



# Same Dimension

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



16059102



16711910



16058988



8023673



12189864



3866677



# Inverse Universe

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



16059102



16711910



718227



8023673



12189864



3866677



# Previews

## White Background



This preview shows how the Decimal color 16059102 looks on a white background.

## Color Contrast Check

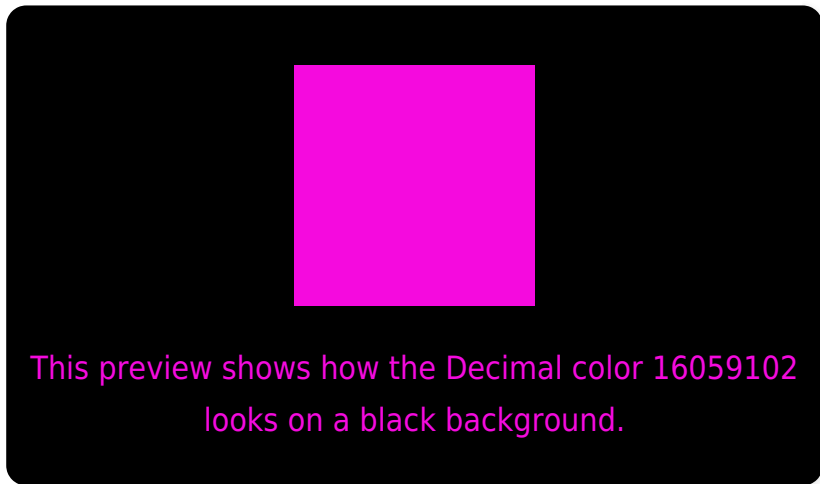
Large Text (above 18pt) WCAG AA ✓ Pass

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 16059102 Background



This preview shows how black text looks on a background with the Decimal color 16059102.



This preview shows how white text looks on a background with the Decimal color 16059102.

# 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





# Trichromacy



**Original Color**  
16059102



**Protanomaly**  
8935923



**Deuteranomaly**  
10181589



**Tritanomaly**  
15547532

# Monochromacy



**Original Color**  
16059102



**Achromatopsia**  
6842472



**Achromatomaly**  
10176147

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16059102 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 #F50ADE looks like.

```
.text, #text, p{  
  color:#F50ADE  
}
```

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 #F50ADE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F50ADE
}
```

## Border

The CSS property to change the border of an element to Decimal 16059102 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
#F50ADE }
```

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

```
.border{ border-color:#F50ADE }
```

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

Here you see how a box with a 4 pixel #F50ADE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F50ADE; -webkit-box-shadow:4px 4px  
4px 4px #F50ADE; box-shadow:4px 4px 4px  
4px #F50ADE }
```

# Background

The CSS property to change the background color of an element to Decimal 16059102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F50ADE }
```

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

```
.background{ background-color:#F50ADE }
```

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