

# Converting Colors

Decimal(15664059)

Have a look what the booklet for  
Decimal(15664059) contains.

<b>Decimal(15664059)</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(15664059)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EF03BB
RGB	239, 3, 187
RGB Percent	94%, 1%, 73%
CMY	0.0627, 0.9882, 0.2667
CMYK	0.00, 0.99, 0.22, 0.06
HSL	313°, 98%, 47%
HSV	313°, 99%, 94%
XYZ	44.5988, 22.0037, 48.9102
YIQ	94.5400, 81.5920, 107.2560

# Conversions

## Conversions Part 2

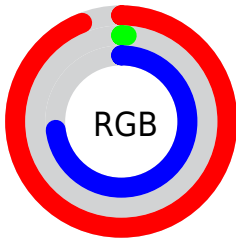
<b>Format</b>	<b>Color</b>
<b>RYB</b>	239, 3, 187
Decimal	15664059
CIELab	54.03, 86.68, -32.43
CIElCh	54, 92.546, 339.488
Yxy	22.0037, 0.3861, 0.1905
Android (android.graphics.Color)	4293854139 (0xFFEF03BB)
YUV	94.5400, 45.5828, 126.6914
Hunter-Lab	46.9081, 87.6232, -28.9849

# Details

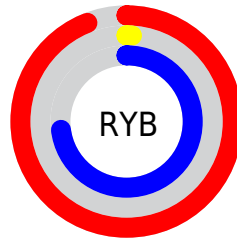
The Decimal color **15664059** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **257847**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **16737268**, and **11665541** is the 20% darker color. If you saturate the color by 10%, you get **15663290**, and if you desaturate by 10%, it is **15670208**.

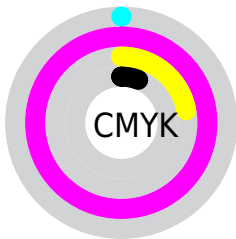
# Distribution



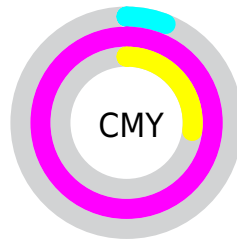
- Red (94%)
- Green (1%)
- Blue (73%)



- Red (94%)
- Yellow (1%)
- Blue (73%)



- Cyan (0%)
- Magenta (99%)
- Yellow (22%)
- Black (6%)



- Cyan (6%)
- Magenta (99%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15664059 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 15664059 by changing the saturation by 10% instead.



 15664059

 15664059

16777215

 13631648

 16737268

 11665541

 16745471

 9699436

 16753407

 7733331

 16761343

 5832764

 16769023

 3932197

16776959

 1900557

 0

 15664059

 15664059

■ 15663290

■ 15670208

■ 15676358

■ 15682507

■ 15688656

■ 15694805

■ 15700699

■ 15706848

■ 15712997

■ 15719146

# Harmonies

## Analogous

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



10312959



15664059



16711788

# Triad

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



15664059



8881664



41446

# Complementary

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



15664059



257847

# 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.



41370



15664059



1349376

# Square

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



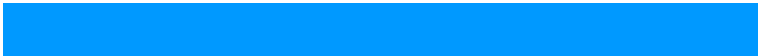
15664059



13133824



40516



39423

# Rectangle

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



15664059



16714296



40516



41679



# Sweetspot

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



15664059



16757742



3539951



8409717



0



8421504



# Same Dimension

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



15664059



16711879



15663942



7892085



12058767



3670060



# Inverse Universe

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



15664059



16711879



257964



7892085



12058767



3670060



# Previews

## White Background



This preview shows how the Decimal color 15664059 looks on a white background.

## Color Contrast Check

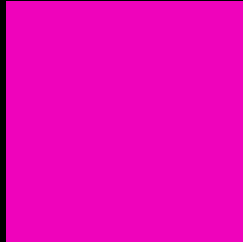
Large Text (above 18pt) WCAG AA ✓ Pass

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 15664059 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

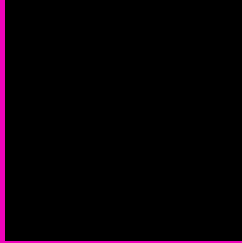
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 15664059 Background



This preview shows how black text looks on a background with the Decimal color 15664059.



This preview shows how white text looks on a background with the Decimal color 15664059.

# 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

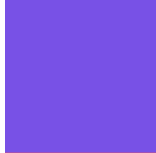




# Trichromacy



**Original Color**  
15664059



**Protanomaly**  
7885286



**Deuteranomaly**  
10638259



**Tritanomaly**  
15282294

# Monochromacy



**Original Color**  
15664059



**Achromatopsia**  
6250335



**Achromatomaly**  
9649792

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15664059 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 #EF03BB looks like.

```
.text, #text, p{  
    color:#EF03BB  
}
```

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 #EF03BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF03BB
}
```

## Border

The CSS property to change the border of an element to Decimal 15664059 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
#EF03BB }
```

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

```
.border{ border-color:#EF03BB }
```

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

Here you see how a box with a 4 pixel #EF03BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF03BB; -webkit-box-shadow:4px 4px  
4px 4px #EF03BB; box-shadow:4px 4px 4px  
4px #EF03BB }
```

# Background

The CSS property to change the background color of an element to Decimal 15664059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF03BB }
```

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

```
.background{ background-color:#EF03BB }
```

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**