

# Converting Colors

Decimal(15687903)

Have a look what the booklet for  
Decimal(15687903) contains.

<b>Decimal(15687903)</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(15687903)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EF60DF
RGB	239, 96, 223
RGB Percent	94%, 38%, 87%
CMY	0.0627, 0.6235, 0.1255
CMYK	0.00, 0.60, 0.07, 0.06
HSL	307°, 82%, 66%
HSV	307°, 60%, 94%
XYZ	53.0988, 32.0442, 73.1986
YIQ	153.2350, 44.4610, 69.8130

# Conversions

## Conversions Part 2

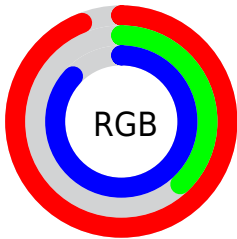
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	239, 96, 223
Decimal	15687903
CIE Lab	63.38, 69.65, -38.34
CIE LCh	63, 79.504, 331.166
Yxy	32.0442, 0.3353, 0.2024
Android (android.graphics.Color)	4293877983 (0xFFEF60DF)
YUV	153.2350, 34.3941, 75.2159
Hunter-Lab	56.6076, 68.3724, -37.0419

# Details

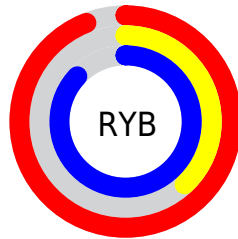
The Decimal color **15687903** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **6352752**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **16751359**, and **11804327** is the 20% darker color. If you saturate the color by 10%, you get **15681756**, and if you desaturate by 10%, it is **15694050**.

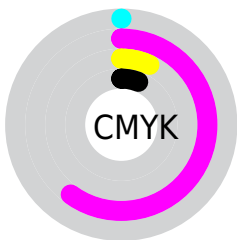
# Distribution



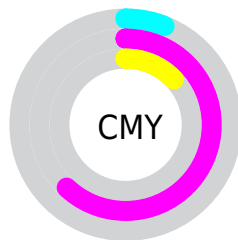
- Red (94%)
- Green (38%)
- Blue (87%)



- Red (94%)
- Yellow (38%)
- Blue (87%)



- Cyan (0%)
- Magenta (60%)
- Yellow (7%)
- Black (6%)



















- Cyan (6%)
- Magenta (62%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15687903 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 15687903 by changing the saturation by 10% instead.



 15687903	 15687903
 16777215	 13714115
 16751359	 11804327
 16758783	 9896077
 16766207	 8061043
 16773887	 6226010
	 4456514
	 2687019
	 276
	 0

■ 15687903

■ 15687903

■ 15681756

■ 15694050

■ 15675610

■ 15700196

■ 15669463

■ 15706343

■ 15663316

■ 15712490

■ 15718636

■ 15724527

■ 15728626

■ 15728628

■ 15728631

# Harmonies

## Analogous

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



9930239



15687903



16730010

# Triad

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



15687903



11966208



47329

# Complementary

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



15687903



6352752

# 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.



47514



15687903



7252480

# Square

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



15687903



15563525



46160



45823

# Rectangle

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



15687903



16731755



46160



47563



# Sweetspot

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



15687903



16765434



7233775



8414076



0



8421504



# Same Dimension

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



15687903



16730090



15687833



7892087



12058787



3670066



# Inverse Universe

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



15687903



16730090



6352822



7892087



12058787

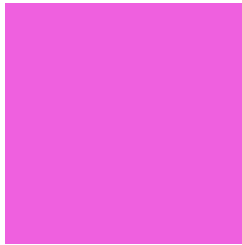


3670066



# Previews

## White Background



This preview shows how the Decimal color 15687903 looks on a white background.

## Color Contrast Check

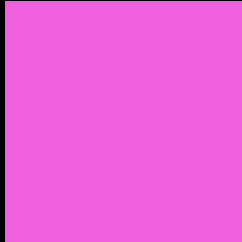
Large Text (above 18pt) WCAG AA × Fail

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 15687903 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 ✓ Pass

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



## Decimal 15687903 Background



This preview shows how black text looks on a background with the Decimal color 15687903.




This preview shows how white text looks on a background with the Decimal color 15687903.

# 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**  
15038850

# Trichromacy



**Original Color**  
15687903



**Protanomaly**  
10322931



**Deuteranomaly**  
11306201



**Tritanomaly**  
15298724

# Monochromacy



**Original Color**  
15687903



**Achromatopsia**  
10066329



**Achromatomaly**  
12092594

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15687903 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 #EF60DF looks like.

```
.text, #text, p{  
    color:#EF60DF  
}
```

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 #EF60DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF60DF
}
```

## Border

The CSS property to change the border of an element to Decimal 15687903 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
#EF60DF }
```

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

```
.border{ border-color:#EF60DF }
```

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

Here you see how a box with a 4 pixel #EF60DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF60DF; -webkit-box-shadow:4px 4px  
4px 4px #EF60DF; box-shadow:4px 4px 4px  
4px #EF60DF }
```

# Background

The CSS property to change the background color of an element to Decimal 15687903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF60DF }
```

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

```
.background{ background-color:#EF60DF }
```

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