

# Converting Colors

Decimal(15679379)

Have a look what the booklet for  
Decimal(15679379) contains.

<b>Decimal(15679379)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Decimal(15679379)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EF3F93
RGB	239, 63, 147
RGB Percent	94%, 25%, 58%
CMY	0.0627, 0.7529, 0.4235
CMYK	0.00, 0.74, 0.38, 0.06
HSL	331°, 85%, 59%
HSV	331°, 74%, 94%
XYZ	42.6406, 24.0123, 29.9912
YIQ	125.2000, 77.9320, 63.4360

# Conversions

## Conversions Part 2

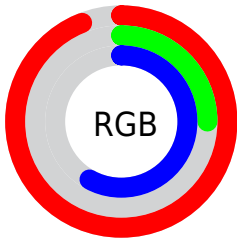
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	239, 63, 147
Decimal	15679379
CIE Lab	56.10, 71.99, -5.82
CIE LCh	56, 72.223, 355.379
Yxy	24.0123, 0.4412, 0.2485
Android (android.graphics.Color)	4293869459 (0xFFEF3F93)
YUV	125.2000, 10.7474, 99.8026
Hunter-Lab	49.0024, 69.5719, -1.9859

# Details

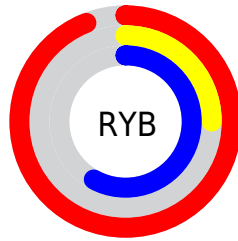
The Decimal color **15679379** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **4190107**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **16743881**, and **11665505** is the 20% darker color. If you saturate the color by 10%, you get **15673223**, and if you desaturate by 10%, it is **15685535**.

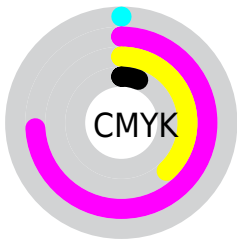
# Distribution



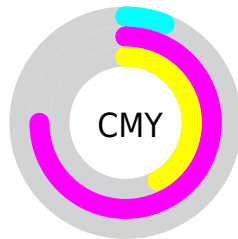
- Red (94%)
- Green (25%)
- Blue (58%)



- Red (94%)
- Yellow (25%)
- Blue (58%)



- Cyan (0%)
- Magenta (74%)
- Yellow (38%)
- Black (6%)



- Cyan (6%)
- Magenta (75%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15679379 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 15679379 by changing the saturation by 10% instead.



 15679379

 15679379

16777215

 13636729

 16743881

 11665505

 16751333

 9699401

 16759039

 7733299

 16766463

 5832734

 16774143

 3997699

 1638401

 0

 15679379

 15679379

 15673223

 15685535

 15667066

 15691692

 15663218

 15697848

 15704005

 15710161

 15716062

 15722218

 15728375

 15728639

# Harmonies

## Analogous

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



13130447



15679379



15877973

# Triad

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



15679379



7246592



40686

# Complementary

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



15679379



4190107

# 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.



41659



15679379



40249

# Square

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



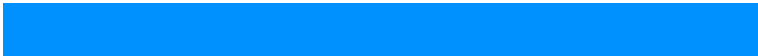
15679379



11173888



41594



37375

# Rectangle

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



15679379



14900013



41594



41183



# Sweetspot

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



15679379



16762850



10108911



8412782



0



8421504



# Same Dimension

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



15679379



16719754



15680063



7892082



12058712



3670043



# Inverse Universe

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



15679379



16719754



4189423



7892082



12058712



3670043



# Previews

## White Background



This preview shows how the Decimal color 15679379 looks on a white background.

## Color Contrast Check

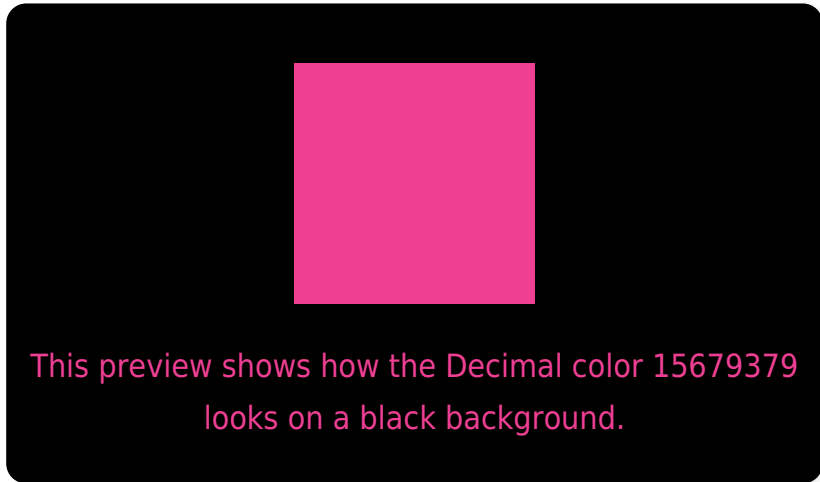
Large Text (above 18pt) WCAG AA ✓ Pass

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 15679379 Background



This preview shows how black text looks on a background with the Decimal color 15679379.



This preview shows how white text looks on a background with the Decimal color 15679379.

# Color Blindness Simulation

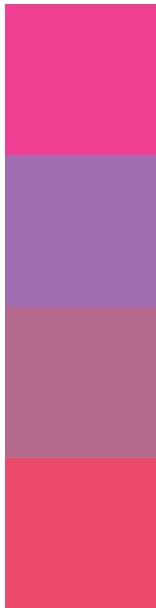
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



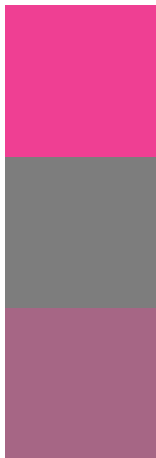
**Original Color**  
15679379

**Protanomaly**  
10579120

**Deuteranomaly**  
11823757

**Tritanomaly**  
15485547

# Monochromacy



**Original Color**  
15679379

**Achromatopsia**  
8224125

**Achromatomaly**  
10905221

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15679379 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 #EF3F93 looks like.

```
.text, #text, p{  
    color:#EF3F93  
}
```

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 #EF3F93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF3F93
}
```

## Border

The CSS property to change the border of an element to Decimal 15679379 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
#EF3F93 }
```

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

```
.border{ border-color:#EF3F93 }
```

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

Here you see how a box with a 4 pixel #EF3F93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF3F93; -webkit-box-shadow:4px 4px  
4px 4px #EF3F93; box-shadow:4px 4px 4px  
4px #EF3F93 }
```

# Background

The CSS property to change the background color of an element to Decimal 15679379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF3F93 }
```

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

```
.background{ background-color:#EF3F93 }
```

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