

# Converting Colors

Decimal(15416197)

Have a look what the booklet for  
Decimal(15416197) contains.

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# Color

**Decimal(15416197)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EB3B85
RGB	235, 59, 133
RGB Percent	92%, 23%, 52%
CMY	0.0784, 0.7686, 0.4784
CMYK	0.00, 0.75, 0.43, 0.08
HSL	335°, 81%, 58%
HSV	335°, 75%, 92%
XYZ	40.0586, 22.4836, 24.4187
YIQ	120.0600, 81.1420, 60.3260

# Conversions

## Conversions Part 2

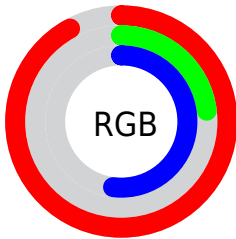
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	235, 59, 133
Decimal	15416197
CIE <sub>Lab</sub>	54.54, 70.84, 0.10
CIE <sub>LCh</sub>	55, 70.841, 0.083
Yxy	22.4836, 0.4607, 0.2585
Android (android.graphics.Color)	4293606277 (0xFFEB3B85)
YUV	120.0600, 6.3794, 100.8024
Hunter-Lab	47.4168, 67.8204, 2.6586

# Details

The Decimal color **15416197** is a dark color, and the websafe version is hex **CC0066**. The color can be described as middle washed rose. A complement of this color would be **3926945**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **16742842**, and **11403348** is the 20% darker color. If you saturate the color by 10%, you get **15410039**, and if you desaturate by 10%, it is **15422099**.

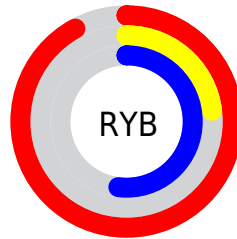
# Distribution



Red (92%)

Green (23%)

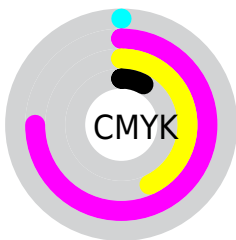
Blue (52%)



Red (92%)

Yellow (23%)

Blue (52%)

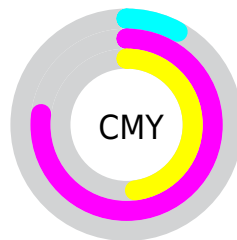


Cyan (0%)

Magenta (75%)

Yellow (43%)

Black (8%)



Cyan (8%)

Magenta (77%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15416197 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 15416197 by changing the saturation by 10% instead.



 15416197

 15416197

16777215

 13372780

 16742842

 11403348

 16750294

 9371709

 16758002

 7405607

 16765439

 5505043

 16773119

 3604482

 720896

 0

 15416197

 15416197

■ 15410039

■ 15422099

■ 15404138

■ 15428256

■ 15401059

■ 15434414

■ 15440315

■ 15446473

■ 15452375

■ 15458276

■ 15464434

■ 15466495

# Harmonies

## Analogous

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



13324993



15416197



15288649

# Triad

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



15416197



6328320



39149

# Complementary

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



15416197



3926945

# 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.



40383



15416197



39233

# Square

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



15416197



10321920



40321



35582

# Rectangle

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



15416197



14179618



40321



39648



# Sweetspot

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



15416197



16762846



10435563



8412780



0



8421504



# Same Dimension

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



15416197



16718202



15419195



7694959



11862092



3538967



# Inverse Universe

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



15416197



16718202



3923947



7694959



11862092

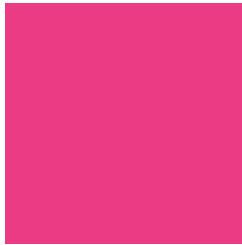


3538967



# Previews

## White Background



This preview shows how the Decimal color 15416197 looks on a white background.

## Color Contrast Check

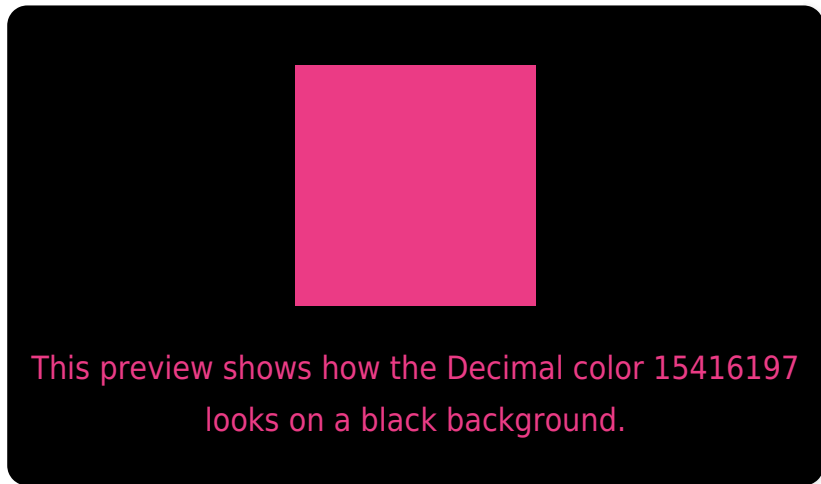
Large Text (above 18pt) WCAG AA ✓ Pass

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 15416197 Background



This preview shows how black text looks on a background with the Decimal color 15416197.




This preview shows how white text looks on a background with the Decimal color 15416197.

# 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](#).

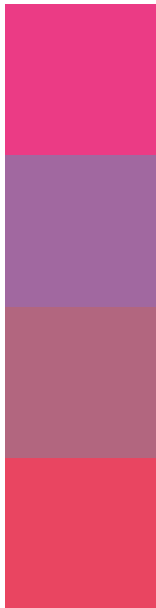
## Dichromacy





**Tritanopia**  
15223373

# Trichromacy



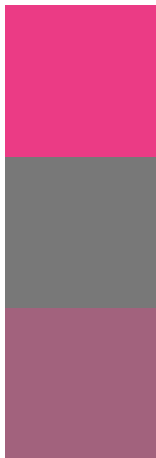
**Original Color**  
15416197

**Protanomaly**  
10578080

**Deuteranomaly**  
11691647

**Tritanomaly**  
15287649

# Monochromacy



**Original Color**  
15416197

**Achromatopsia**  
7895160

**Achromatomaly**  
10642045

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15416197 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 #EB3B85 looks like.

```
.text, #text, p{  
  color:#EB3B85  
}
```

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 #EB3B85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB3B85
}
```

## Border

The CSS property to change the border of an element to Decimal 15416197 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
#EB3B85 }
```

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

```
.border{ border-color:#EB3B85 }
```

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

Here you see how a box with a 4 pixel #EB3B85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB3B85; -webkit-box-shadow:4px 4px  
4px 4px #EB3B85; box-shadow:4px 4px 4px  
4px #EB3B85 }
```

# Background

The CSS property to change the background color of an element to Decimal 15416197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB3B85 }
```

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

```
.background{ background-color:#EB3B85 }
```

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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