

# Converting Colors

Decimal(15367358)

Have a look what the booklet for  
Decimal(15367358) contains.

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# **Color**

**Decimal(15367358)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EA7CBE
RGB	234, 124, 190
RGB Percent	92%, 49%, 75%
CMY	0.0824, 0.5137, 0.2549
CMYK	0.00, 0.47, 0.19, 0.08
HSL	324°, 72%, 70%
HSV	324°, 47%, 92%
XYZ	50.4336, 35.6254, 52.9335
YIQ	164.4140, 44.3740, 43.8460

# Conversions

## Conversions Part 2

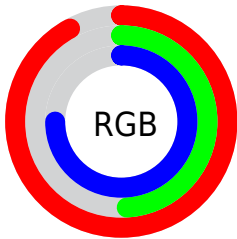
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	234, 124, 190
Decimal	15367358
CIE <sub>Lab</sub>	66.23, 50.34, -15.48
CIE <sub>LCh</sub>	66, 52.666, 342.907
Yxy	35.6254, 0.3629, 0.2563
Android (android.graphics.Color)	4293557438 (0xFFEA7CBE)
YUV	164.4140, 12.6139, 61.0269
Hunter-Lab	59.6870, 46.3743, -10.8004

# Details

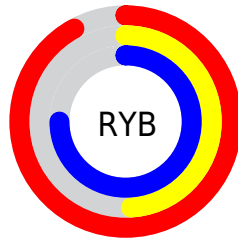
The Decimal color **15367358** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **8186536**, and the grayscale version is **10790052**.

A 20% lighter version of the original color is **16757750**, and **11552393** is the 20% darker color. If you saturate the color by 10%, you get **15361461**, and if you desaturate by 10%, it is **15373255**.

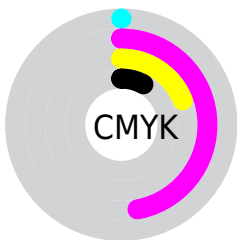
# Distribution



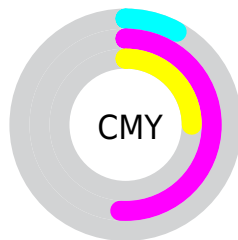
- Red (92%)
- Green (49%)
- Blue (75%)



- Red (92%)
- Yellow (49%)
- Blue (75%)



- Cyan (0%)
- Magenta (47%)
- Yellow (19%)
- Black (8%)



- Cyan (8%)
- Magenta (51%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15367358 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 15367358 by changing the saturation by 10% instead.



 15367358

 15367358

16777215

 13459875

 16757750

 11552393

 16765183

 9710447

 16772607

 7865943

 6094911

 4390953

 2818068

 0

 15367358

 15367358

 15361461

 15373255

 15355307

 15379409

 15349410

 15385306

 15343257

 15391459

 15337359

 15397357

 15335564

 15400950

 15400959

# Harmonies

## Analogous

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



12553447



15367358



16349326

# Triad

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



15367358



11052352



46816

# Complementary

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



15367358



8186536

# 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.



47541



15367358



7647321

# Square

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



15367358



13800773



1554308



44795

# Rectangle

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



15367358



16088688



1554308



47059



# Sweetspot

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



15367358



16767985



11042026



8415863



0



8421504



# Same Dimension

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



15367358



16740550



15367303



7694961



11862125



3538976



# Inverse Universe

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



15367358



16740550



8186591



7694961



11862125

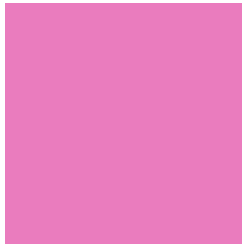


3538976



# Previews

## White Background



This preview shows how the Decimal color 15367358 looks on a white background.

## Color Contrast Check

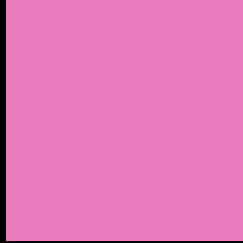
Large Text (above 18pt) WCAG AA × Fail

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 15367358 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 15367358 Background



This preview shows how black text looks on a background with the Decimal color 15367358.




This preview shows how white text looks on a background with the Decimal color 15367358.

# 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**  
15041935

# Trichromacy



**Original Color**  
15367358



**Protanomaly**  
11702990



**Deuteranomaly**  
12554682

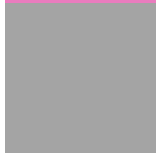


**Tritanomaly**  
15172256

# Monochromacy



**Original Color**  
15367358



**Achromatopsia**  
10790052



**Achromatomaly**  
12424621

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15367358 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 #EA7CBE looks like.

```
.text, #text, p{  
    color:#EA7CBE  
}
```

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 #EA7CBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA7CBE
}
```

## Border

The CSS property to change the border of an element to Decimal 15367358 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
#EA7CBE }
```

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

```
.border{ border-color:#EA7CBE }
```

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

Here you see how a box with a 4 pixel #EA7CBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA7CBE; -webkit-box-shadow:4px 4px  
4px 4px #EA7CBE; box-shadow:4px 4px 4px  
4px #EA7CBE }
```

# Background

The CSS property to change the background color of an element to Decimal 15367358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA7CBE }
```

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

```
.background{ background-color:#EA7CBE }
```

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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