

# Converting Colors

Decimal(15366587)

Have a look what the booklet for  
Decimal(15366587) contains.

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# **Color**

**Decimal(15366587)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EA79BB
RGB	234, 121, 187
RGB Percent	92%, 47%, 73%
CMY	0.0824, 0.5255, 0.2667
CMYK	0.00, 0.48, 0.20, 0.08
HSL	325°, 73%, 70%
HSV	325°, 48%, 92%
XYZ	49.7387, 34.7550, 51.1006
YIQ	162.3110, 46.1620, 44.4820

# Conversions

## Conversions Part 2

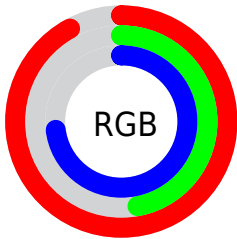
Format	Color
<a href="#">RYB</a>	<a href="#">234, 121, 187</a>
Decimal	<a href="#">15366587</a>
CIELab	<a href="#">65.56, 51.38, -14.81</a>
CIELCh	<a href="#">66, 53.473, 343.924</a>
Yxy	<a href="#">34.7550, 0.3668, 0.2563</a>
Android (android.graphics.Color)	<a href="#">4293556667 (0xFFEA79BB)</a>
YUV	<a href="#">162.3110, 12.1717, 62.8713</a>
Hunter-Lab	<a href="#">58.9534, 47.4312, -10.1250</a>

# Details

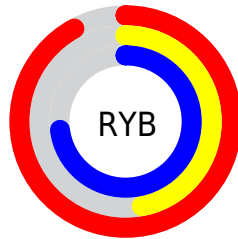
The Decimal color **15366587** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7989928**, and the grayscale version is **10658466**.

A 20% lighter version of the original color is **16756979**, and **11551622** is the 20% darker color. If you saturate the color by 10%, you get **15360689**, and if you desaturate by 10%, it is **15372485**.

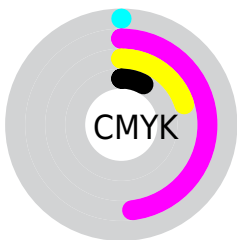
# Distribution



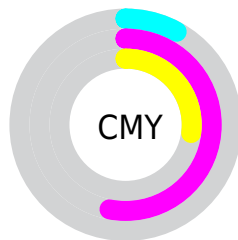
- Red (92%)
- Green (47%)
- Blue (73%)



- Red (92%)
- Yellow (47%)
- Blue (73%)



- Cyan (0%)
- Magenta (48%)
- Yellow (20%)
- Black (8%)



- Cyan (8%)
- Magenta (53%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15366587 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 15366587 by changing the saturation by 10% instead.



 15366587

 15366587

16777215

 13459104


 16756979

 11551622

 16764415

 9709420

 16771839

 7864404

 6094909

 4325415

 2752529

 0

 15366587

 15366587

15360689

15372485

15354536

15378638

15348638

15384536

15342484

15390690

15336586

15396588

15335561

15400949

15400959

# Harmonies

## Analogous

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



12552677



15366587



16283275

# Triad

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



15366587



10855485



46305

# Complementary

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



15366587



7989928

# 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.



47029



15366587



7319383

# Square

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



15366587



13669185



46467



44283

# Rectangle

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



15366587



16022636



46467



46803



# Sweetspot

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



15366587



16767984



10910186



8415862



0



8421504



# Same Dimension

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



15366587



16739265



15366532



7694960



11862122



3538975



# Inverse Universe

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



15366587



16739265



7989983



7694960



11862122



3538975



# Previews

## White Background



This preview shows how the Decimal color 15366587 looks on a white background.

## Color Contrast Check

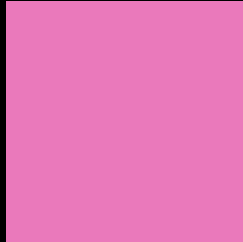
Large Text (above 18pt) WCAG AA × Fail

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 15366587 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 15366587 Background



This preview shows how black text looks on a background with the Decimal color 15366587.



This preview shows how white text looks on a background with the Decimal color 15366587.

# 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**  
15041420

# Trichromacy



**Original Color**  
15366587



**Protanomaly**  
11637196



**Deuteranomaly**  
12488631

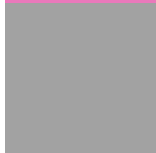


**Tritanomaly**  
15171485

# Monochromacy



**Original Color**  
15366587



**Achromatopsia**  
10658466



**Achromatomaly**  
12358571

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15366587 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 #EA79BB looks like.

```
.text, #text, p{  
    color:#EA79BB  
}
```

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 #EA79BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA79BB  
}
```

## Border

The CSS property to change the border of an element to Decimal 15366587 is called "border". The border property can be set on classes, ids or directly on the HTML element.

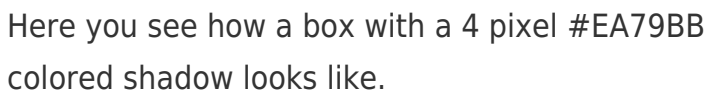
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#EA79BB }
```

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

```
.border{ border-color:#EA79BB }
```

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



Here you see how a box with a 4 pixel #EA79BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA79BB; -webkit-box-shadow:4px 4px  
4px 4px #EA79BB; box-shadow:4px 4px 4px  
4px #EA79BB }
```

# Background

The CSS property to change the background color of an element to Decimal 15366587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA79BB }
```

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

```
.background{ background-color:#EA79BB }
```

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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