

# Converting Colors

Decimal(15366807)

Have a look what the booklet for  
Decimal(15366807) contains.

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# **Color**

**Decimal(15366807)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EA7A97
RGB	234, 122, 151
RGB Percent	92%, 48%, 59%
CMY	0.0824, 0.5216, 0.4078
CMYK	0.00, 0.48, 0.35, 0.08
HSL	344°, 73%, 70%
HSV	344°, 48%, 92%
XYZ	46.4771, 33.6459, 33.3228
YIQ	158.7940, 57.4430, 32.7630

# Conversions

## Conversions Part 2

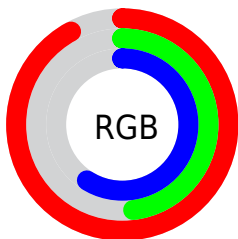
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	234, 122, 151
Decimal	15366807
CIE <sub>Lab</sub>	64.68, 46.16, 4.32
CIE <sub>LCh</sub>	65, 46.357, 5.353
Yxy	33.6459, 0.4097, 0.2966
Android (android.graphics.Color)	4293556887 (0xFFEA7A97)
YUV	158.7940, -3.8424, 65.9557
Hunter-Lab	58.0050, 41.5161, 6.5425

# Details

The Decimal color **15366807** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **8055501**, and the grayscale version is **10461087**.

A 20% lighter version of the original color is **16757197**, and **11486564** is the 20% darker color. If you saturate the color by 10%, you get **15360902**, and if you desaturate by 10%, it is **15372712**.

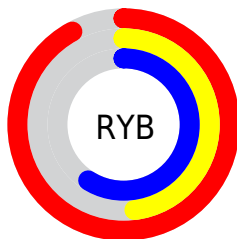
# Distribution



Red (92%)

Green (48%)

Blue (59%)



Red (92%)

Yellow (48%)

Blue (59%)

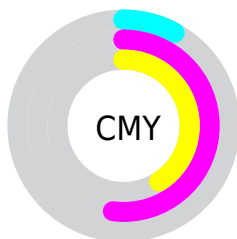


Cyan (0%)

Magenta (48%)

Yellow (35%)

Black (8%)



Cyan (8%)

Magenta (52%)















Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15366807 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 15366807 by changing the saturation by 10% instead.



 15366807	 15366807
 16777215	 13393789
 16757197	 11486564
 16764393	 9579085
 16771839	 7735350
	 5963809
	 4194313
	 2424833
	 0

 15366807  15366807

 15360902

 15372712

 15354740

 15378874

 15348835

 15384779

 15342674

 15390940

 15336768

 15396846

 15335485

 15400959

# Harmonies

## Analogous

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



14057664



15366807



15171695

# Triad

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



15366807



8628311



43751

# Complementary

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



15366807



8055501

# 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.



45516



15366807



4960121

# Square

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



15366807



11509064



45731



6594543

# Rectangle

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



15366807



14322010



45731



44512



# Sweetspot

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



15366807



16767973



13400810



8415855



0



8421504



# Same Dimension

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



15366807



16739987



15373434



7694957



11862063



3538958



# Inverse Universe

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



15366807



16739987



8048874



7694957



11862063



3538958



# Previews

## White Background



This preview shows how the Decimal color 15366807 looks on a white background.

## Color Contrast Check

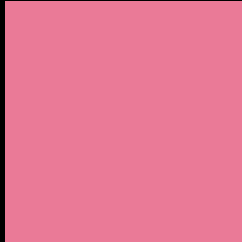
Large Text (above 18pt) WCAG AA × Fail

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 15366807 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 15366807 Background



This preview shows how black text looks on a background with the Decimal color 15366807.



This preview shows how white text looks on a background with the Decimal color 15366807.

# 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**  
15366807



**Protanomaly**  
12095652



**Deuteranomaly**  
13012372

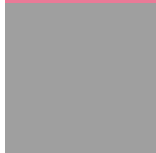


**Tritanomaly**  
15301772

# Monochromacy



**Original Color**  
15366807



**Achromatopsia**  
10461087



**Achromatomaly**  
12227228

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15366807 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 #EA7A97 looks like.

```
.text, #text, p{  
  color:#EA7A97  
}
```

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 #EA7A97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA7A97
}
```

## Border

The CSS property to change the border of an element to Decimal 15366807 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
#EA7A97 }
```

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

```
.border{ border-color:#EA7A97 }
```

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

Here you see how a box with a 4 pixel #EA7A97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA7A97; -webkit-box-shadow:4px 4px  
4px 4px #EA7A97; box-shadow:4px 4px 4px  
4px #EA7A97 }
```

# Background

The CSS property to change the background color of an element to Decimal 15366807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA7A97 }
```

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

```
.background{ background-color:#EA7A97 }
```

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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