

# Converting Colors

Decimal(15313611)

Have a look what the booklet for  
Decimal(15313611) contains.

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# **Color**

**Decimal(15313611)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9AACB
RGB	233, 170, 203
RGB Percent	91%, 67%, 80%
CMY	0.0863, 0.3333, 0.2039
CMYK	0.00, 0.27, 0.13, 0.09
HSL	329°, 59%, 79%
HSV	329°, 27%, 91%
XYZ	58.7585, 50.3849, 63.1283
YIQ	192.5990, 26.9550, 23.6190

# Conversions

## Conversions Part 2

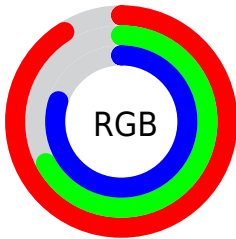
Format	Color
R <sub>Y</sub> B	233, 170, 203
Decimal	15313611
CIE Lab	76.30, 28.07, -7.62
CIE LCh	76, 29.090, 344.807
Yxy	50.3849, 0.3411, 0.2925
Android (android.graphics.Color)	4293503691 (0xFFE9AACB)
YUV	192.5990, 5.1277, 35.4317
Hunter-Lab	70.9823, 23.5416, -3.0421

# Details

The Decimal color **15313611** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **11200968**, and the grayscale version is **12698049**.

A 20% lighter version of the original color is **16769791**, and **11564437** is the 20% darker color. If you saturate the color by 10%, you get **15307712**, and if you desaturate by 10%, it is **15319510**.

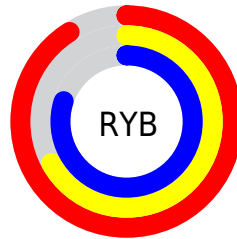
# Distribution



Red (91%)

Green (67%)

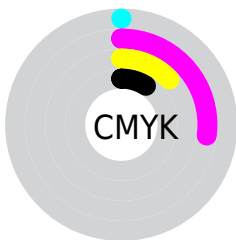
Blue (80%)



Red (91%)

Yellow (67%)

Blue (80%)

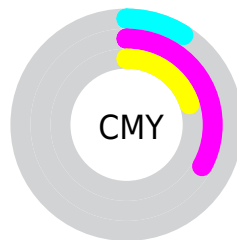


Cyan (0%)

Magenta (27%)

Yellow (13%)

Black (9%)



Cyan (9%)

Magenta (33%)

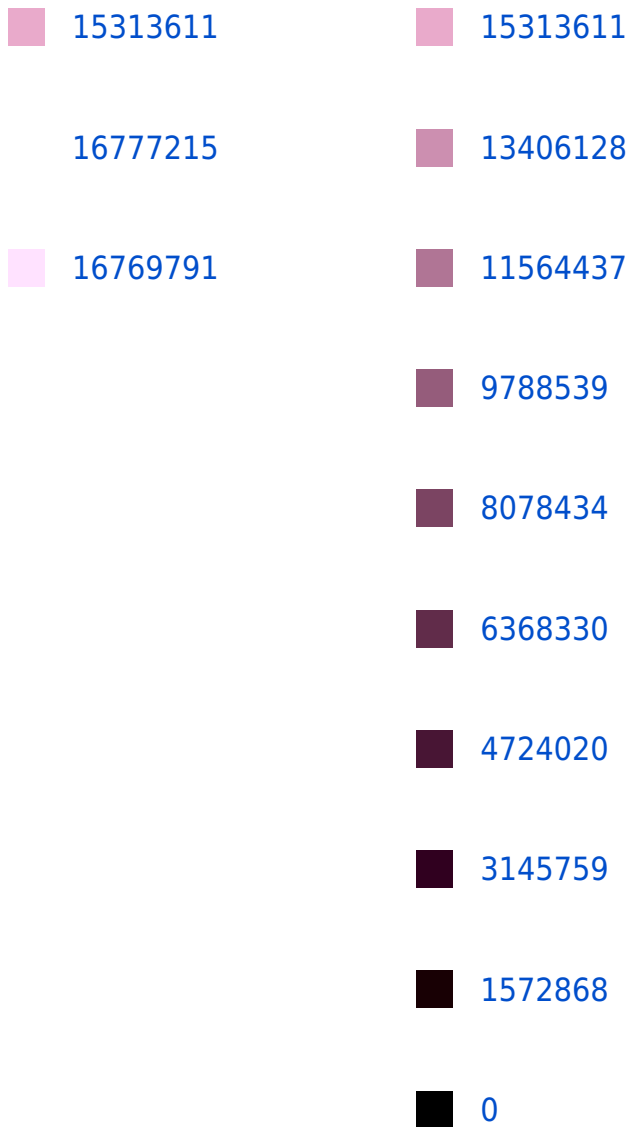
Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15313611 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 15313611 by changing the saturation by 10% instead.





 15313611

 15313611

 15307712

 15319510

 15301557

 15325665

 15295658

 15331564

 15289759

 15335415

 15283604

 15335423

 15277704

 15271805

 15270010

# Harmonies

## Analogous

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



13742562



15313611



15968688

# Triad

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



15313611



12763016



7260641

# Complementary

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



15313611



11200968

# 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.



7261129



15313611



10798741

# Square

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



15313611



14464649



8768173



8963055

# Rectangle

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



15313611



15838111



8768173



7064282



# Sweetspot

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



15313611



16772085



13085417



8418169



0



8421504



# Same Dimension

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



15313611



16756184



15313580



7694960



11862111



3538972



# Inverse Universe

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



15313611



16756184



11200999



7694960



11862111

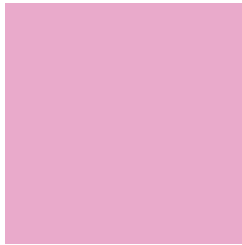


3538972



# Previews

## White Background



This preview shows how the Decimal color 15313611 looks on a white background.

## Color Contrast Check

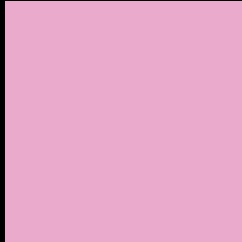
Large Text (above 18pt) WCAG AA × Fail

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 15313611 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 15313611 Background



This preview shows how black text looks on a background with the Decimal color 15313611.



This preview shows how white text looks on a background with the Decimal color 15313611.

# 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



**Original Color**  
15313611

**Protanopia**  
12106710

**Deuteranopia**  
13219785



**Tritanopia**  
15183290

# Trichromacy



**Original Color**  
15313611



**Protanomaly**  
13284818



**Deuteranomaly**  
14004938



**Tritanomaly**  
15248576

# Monochromacy



**Original Color**  
15313611



**Achromatopsia**  
12698049



**Achromatomaly**  
13679045

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15313611 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 #E9AACB looks like.

```
.text, #text, p{  
    color:#E9AACB  
}
```

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 #E9AACB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9AACB
}
```

## Border

The CSS property to change the border of an element to Decimal 15313611 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
#E9AACB }
```

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

```
.border{ border-color:#E9AACB }
```

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

Here you see how a box with a 4 pixel #E9AACB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9AACB; -webkit-box-shadow:4px 4px  
4px 4px #E9AACB; box-shadow:4px 4px 4px  
4px #E9AACB }
```

# Background

The CSS property to change the background color of an element to Decimal 15313611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9AACB }
```

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

```
.background{ background-color:#E9AACB }
```

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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