

# Converting Colors

Decimal(15313906)

Have a look what the booklet for  
Decimal(15313906) contains.

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# **Color**

**Decimal(15313906)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9ABF2
RGB	233, 171, 242
RGB Percent	91%, 67%, 95%
CMY	0.0863, 0.3294, 0.0510
CMYK	0.04, 0.29, 0.00, 0.05
HSL	292°, 73%, 81%
HSV	292°, 29%, 95%
XYZ	64.1942, 52.8603, 90.8240
YIQ	197.6320, 14.1610, 35.2250

# Conversions

## Conversions Part 2

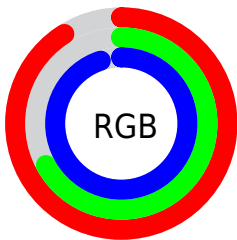
Format	Color
R <sub>Y</sub> B	233, 171, 242
Decimal	15313906
CIE Lab	77.79, 34.41, -26.56
CIE LCh	78, 43.467, 322.340
Yxy	52.8603, 0.3088, 0.2543
Android (android.graphics.Color)	4293503986 (0xFFE9ABF2)
YUV	197.6320, 21.8734, 31.0177
Hunter-Lab	72.7051, 30.3709, -23.1722

# Details

The Decimal color **15313906** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **11858603**, and the grayscale version is **12961221**.

A 20% lighter version of the original color is **16770047**, and **11564730** is the 20% darker color. If you saturate the color by 10%, you get **15111154**, and if you desaturate by 10%, it is **15516658**.

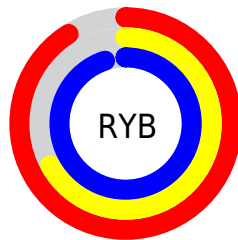
# Distribution



Red (91%)

Green (67%)

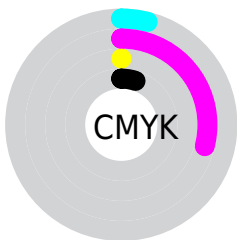
Blue (95%)



Red (91%)

Yellow (67%)

Blue (95%)

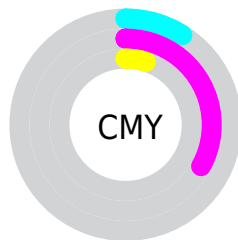


Cyan (4%)

Magenta (29%)

Yellow (0%)

Black (5%)



Cyan (9%)

Magenta (33%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15313906 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 15313906 by changing the saturation by 10% instead.



 15313906

 15313906

16777215

 13406422

 16770047

 11564730

 9788575

 8078468

 6368363

 4723794


 3145787

 1769509

 269

 15313906

 15313906

 15111154

 15516658

 14908402

 15719410

 14705394

 15922418

 14502642

 16121842

 14299890

 16318450

 14097138

 16515058

 13894386

 16711666

 13828338

 16777202

# Harmonies

## Analogous

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



11909887



15313906



16753100

# Triad

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



15313906



14989936



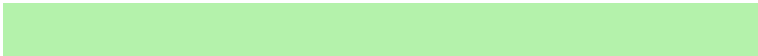
54750

# Complementary

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



15313906



11858603

# 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.



5625268



15313906



12371828

# Square

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



15313906



16755842



9293966



774655

# Rectangle

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



15313906



16753073



9293966



2217680



# Sweetspot

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



15313906



16574719



11252978



8286592



0



8421504



# Same Dimension

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



15313906



16033535



15903704



7761016



10485944



3211320



# Inverse Universe

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



15903668



16754353



11268805



7892077



12058647

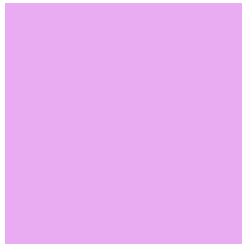


3670023



# Previews

## White Background



This preview shows how the Decimal color 15313906 looks on a white background.

## Color Contrast Check

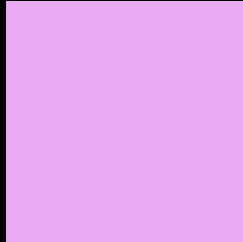
Large Text (above 18pt) WCAG AA × Fail

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 15313906 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 15313906 Background



This preview shows how black text looks on a background with the Decimal color 15313906.




This preview shows how white text looks on a background with the Decimal color 15313906.

# 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**  
14857410

# Trichromacy



**Original Color**  
15313906



**Protanomaly**  
12892154



**Deuteranomaly**  
13416176

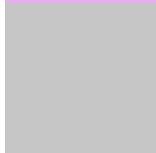


**Tritanomaly**  
15053267

# Monochromacy



**Original Color**  
15313906



**Achromatopsia**  
13027014



**Achromatomaly**  
13876438

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15313906 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 #E9ABF2 looks like.

```
.text, #text, p{  
  color:#E9ABF2  
}
```

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 #E9ABF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9ABF2
}
```

## Border

The CSS property to change the border of an element to Decimal 15313906 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
#E9ABF2 }
```

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

```
.border{ border-color:#E9ABF2 }
```

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

Here you see how a box with a 4 pixel #E9ABF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9ABF2; -webkit-box-shadow:4px 4px  
4px 4px #E9ABF2; box-shadow:4px 4px 4px  
4px #E9ABF2 }
```

# Background

The CSS property to change the background color of an element to Decimal 15313906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9ABF2 }
```

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

```
.background{ background-color:#E9ABF2 }
```

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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