

# Converting Colors

Decimal(15317316)

Have a look what the booklet for  
Decimal(15317316) contains.

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# **Color**

**Decimal(15317316)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9B944
RGB	233, 185, 68
RGB Percent	91%, 73%, 27%
CMY	0.0863, 0.2745, 0.7333
CMYK	0.00, 0.21, 0.71, 0.09
HSL	43°, 79%, 59%
HSV	43°, 71%, 91%
XYZ	51.9966, 52.4389, 12.8500
YIQ	186.0140, 66.1650, -26.2110

# Conversions

## Conversions Part 2

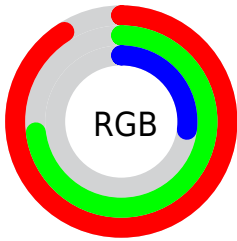
<b>Format</b>	<b>Color</b>
<b>RYB</b>	136, 233, 68
Decimal	15317316
CIELab	77.54, 5.73, 63.18
CIELCh	78, 63.437, 84.818
Yxy	52.4389, 0.4433, 0.4471
Android (android.graphics.Color)	4293507396 (0xFFE9B944)
YUV	186.0140, -58.1809, 41.2067
Hunter-Lab	72.4147, 1.4443, 40.1692

# Details

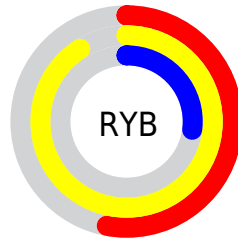
The Decimal color **15317316** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **4486377**, and the grayscale version is **12303291**.

A 20% lighter version of the original color is **16773498**, and **11371520** is the 20% darker color. If you saturate the color by 10%, you get **15315501**, and if you desaturate by 10%, it is **15319131**.

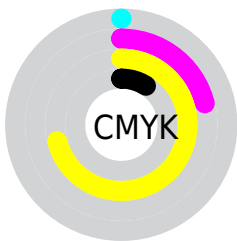
# Distribution



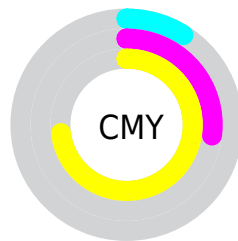
- Red (91%)
- Green (73%)
- Blue (27%)



- Red (53%)
- Yellow (91%)
- Blue (27%)



- Cyan (0%)
- Magenta (21%)
- Yellow (71%)
- Black (9%)



- Cyan (9%)
- Magenta (27%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15317316 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 15317316 by changing the saturation by 10% instead.




 15317316  15317316

16777215  13344295

 16773498  11371520

 16777110  9464576


 16777138  7623424

 16777166  5782528

 16777195  4007680

 2364160

 0

 15317316  15317316

15315501

15319131

15313685

15320947

15312128

15322506

15324321

15326136

15327952

15329511

15331326

15333119

# Harmonies

## Analogous

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



16753504



15317316



11586382

# Triad

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



15317316



56559



16686335

# Complementary

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



15317316



4486377

# 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.



11646207



15317316



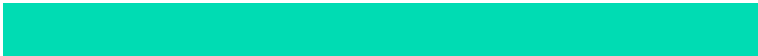
55039

# Square

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



15317316



56499



51711



16747724

# Rectangle

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



15317316



8573800



51711



15312127

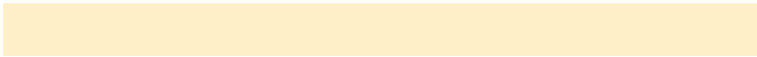


# Sweetspot

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



15317316



16773065



15287414



8418912



0



8421504



# Same Dimension

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



15317316



16760870



13166916



7697002



11894784



3548672



# Inverse Universe

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



4486377



2516479



6636777



6974837



13749



4150



# Previews

## White Background



This preview shows how the Decimal color 15317316 looks on a white background.

## Color Contrast Check

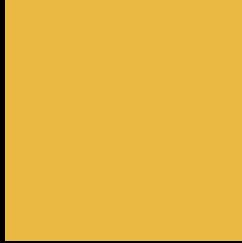
Large Text (above 18pt) WCAG AA × Fail

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 15317316 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 15317316 Background



This preview shows how black text looks on a background with the Decimal color 15317316.



This preview shows how white text looks on a background with the Decimal color 15317316.

# 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**  
15317316

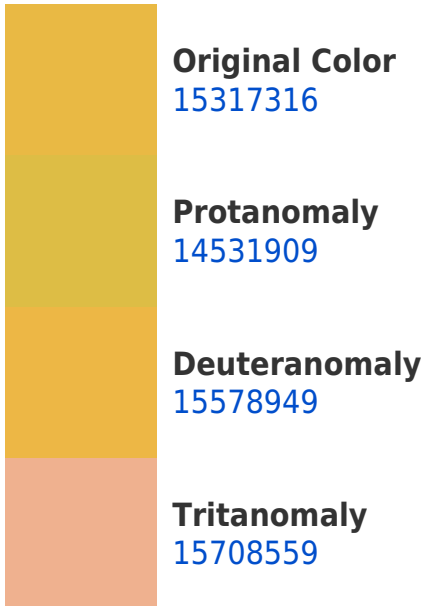
**Protanopia**  
14073926

**Deuteranopia**  
15709765



**Tritanopia**  
15904186

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15317316 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 #E9B944 looks like.

```
.text, #text, p{  
  color:#E9B944  
}
```

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 #E9B944 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9B944
}
```

## Border

The CSS property to change the border of an element to Decimal 15317316 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
#E9B944 }
```

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

```
.border{ border-color:#E9B944 }
```

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

Here you see how a box with a 4 pixel #E9B944 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9B944; -webkit-box-shadow:4px 4px  
4px 4px #E9B944; box-shadow:4px 4px 4px  
4px #E9B944 }
```

# Background

The CSS property to change the background color of an element to Decimal 15317316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9B944 }
```

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

```
.background{ background-color:#E9B944 }
```

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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