

# Converting Colors

Decimal(15318804)

Have a look what the booklet for  
Decimal(15318804) contains.

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# **Color**

**Decimal(15318804)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9BF14
RGB	233, 191, 20
RGB Percent	91%, 75%, 8%
CMY	0.0863, 0.2510, 0.9216
CMYK	0.00, 0.18, 0.91, 0.09
HSL	48°, 84%, 50%
HSV	48°, 91%, 91%
XYZ	52.3613, 54.6357, 8.4478
YIQ	184.0640, 79.9230, -44.2770

# Conversions

## Conversions Part 2

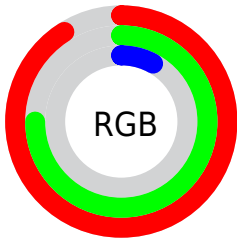
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 233, 20
Decimal	15318804
CIE <sub>Lab</sub>	78.83, 1.13, 78.20
CIE <sub>LCh</sub>	79, 78.208, 89.172
Yxy	54.6357, 0.4536, 0.4733
Android (android.graphics.Color)	4293508884 (0xFFE9BF14)
YUV	184.0640, -80.8836, 42.9169
Hunter-Lab	73.9160, -2.9054, 44.9650

# Details

The Decimal color **15318804** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **1326825**, and the grayscale version is **12171705**.

A 20% lighter version of the original color is **16775002**, and **11307520** is the 20% darker color. If you saturate the color by 10%, you get **15317760**, and if you desaturate by 10%, it is **15320107**.

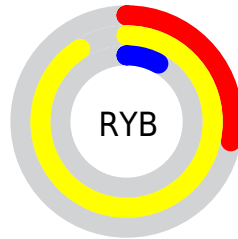
# Distribution



Red (91%)

Green (75%)

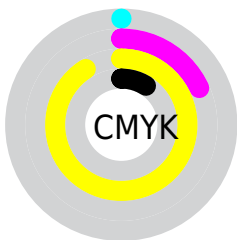
Blue (8%)



Red (28%)

Yellow (91%)

Blue (8%)

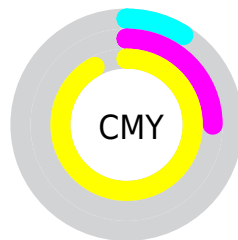


Cyan (0%)

Magenta (18%)

Yellow (91%)

Black (9%)



Cyan (9%)

Magenta (25%)




















Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15318804 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 15318804 by changing the saturation by 10% instead.



 15318804	 15318804
 16777215	 13280256
 16775002	 11307520
 16777078	 9400576
 16777107	 7493888
 16777136	 5652992
 16777165	 3877888
 16777194	 2234368
	 0
 15318804	 15318804

■ 15317760

■ 15320107

■ 15321155

■ 15322458

■ 15323505

■ 15324809

■ 15326112

■ 15327159

■ 15328462

■ 15329510

# Harmonies

## Analogous

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



16753475



15318804



10605364

# Triad

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



15318804



58879



16748799

# Complementary

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



15318804



1326825

# 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.



12497407



15318804



56831

# Square

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



15318804



58815



52479



16743368

# Rectangle

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



15318804



6347870



52479



16751615



# Sweetspot

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



15318804



16773562



15275071



8419159



0



8421504



# Same Dimension

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



15318804



16764160



11135252



7697258



11899136



3549952



# Inverse Universe

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



1326825



13055



5510377



6974581



9397



2870



# Previews

## White Background



This preview shows how the Decimal color 15318804 looks on a white background.

## Color Contrast Check

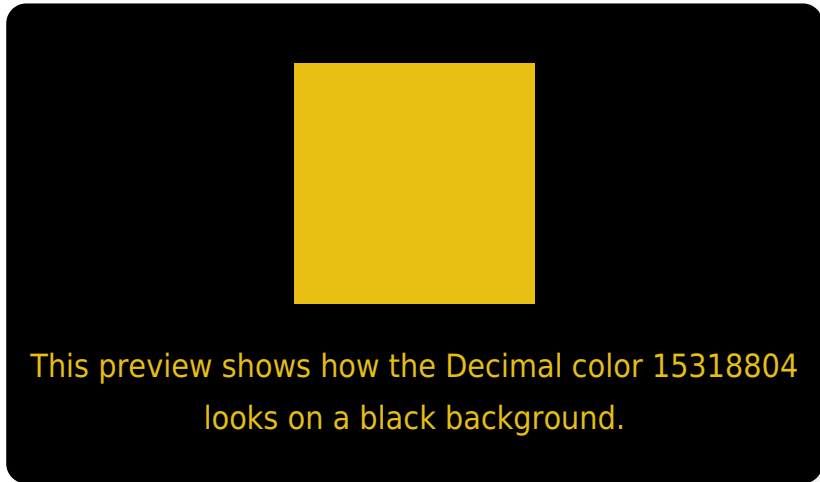
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 15318804 Background



This preview shows how black text looks on a background with the Decimal color 15318804.



This preview shows how white text looks on a background with the Decimal color 15318804.

# 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**  
15318804

**Protanopia**  
14468118

**Deuteranopia**  
16234778



**Tritanopia**  
15971007

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15318804 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 #E9BF14 looks like.

```
.text, #text, p{  
  color:#E9BF14  
}
```

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 #E9BF14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9BF14
}
```

## Border

The CSS property to change the border of an element to Decimal 15318804 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
#E9BF14 }
```

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

```
.border{ border-color:#E9BF14 }
```

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

Here you see how a box with a 4 pixel #E9BF14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9BF14; -webkit-box-shadow:4px 4px  
4px 4px #E9BF14; box-shadow:4px 4px 4px  
4px #E9BF14 }
```

# Background

The CSS property to change the background color of an element to Decimal 15318804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9BF14 }
```

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

```
.background{ background-color:#E9BF14 }
```

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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