

Converting Colors

Decimal(15116311)

Have a look what the booklet for
Decimal(15116311) contains.

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Color

Decimal(15116311)

Conversions

Conversions Part 1

Format	Color
Hex	E6A817
RGB	230, 168, 23
RGB Percent	90%, 66%, 9%
CMY	0.0980, 0.3412, 0.9098
CMYK	0.00, 0.27, 0.90, 0.10
HSL	42°, 82%, 50%
HSV	42°, 90%, 90%
XYZ	46.7904, 44.8901, 7.0091
YIQ	170.0080, 83.4970, -31.9510

Conversions

Conversions Part 2

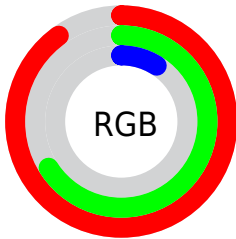
Format	Color
RYB	112, 230, 23
Decimal	15116311
CIELab	72.82, 11.96, 72.98
CIELCh	73, 73.955, 80.696
Yxy	44.8901, 0.4741, 0.4549
Android (android.graphics.Color)	4293306391 (0xFFE6A817)
YUV	170.0080, -72.4749, 52.6130
Hunter-Lab	67.0001, 7.4077, 40.6975

Details

The Decimal color **15116311** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **1529318**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **16768855**, and **11105280** is the 20% darker color. If you saturate the color by 10%, you get **15114496**, and if you desaturate by 10%, it is **15118126**.

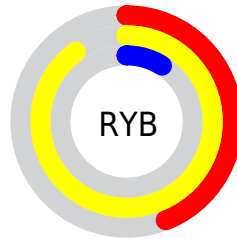
Distribution



Red (90%)

Green (66%)

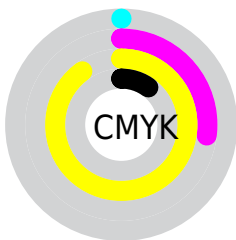
Blue (9%)



Red (44%)

Yellow (90%)

Blue (9%)

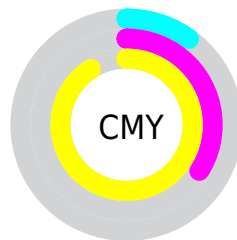


Cyan (0%)

Magenta (27%)

Yellow (90%)

Black (10%)



Cyan (10%)



















Magenta (34%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15116311 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 15116311 by changing the saturation by 10% instead.

 15116311	 15116311
16777215	 13078016
 16768855	 11105280
 16776051	 9198592
 16777103	 7226624
 16777131	 5385728
 16777160	 3611136
 16777189	 2097408
	 0
 15116311	 15116311

■ 15114496

■ 15118126

■ 15119941

■ 15121756

■ 15123571

■ 15125130

■ 15126945

■ 15128760

■ 15130575

■ 15132390

Harmonies

Analogous

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



16747594



15116311



10992926

Triad

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



15116311



53985



15698943

Complementary

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



15116311



1529318

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.



9022207



15116311



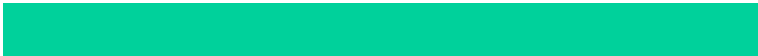
52991

Square

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



15116311



53659



49663



16741067

Rectangle

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



15116311



7587651



49663



13997823

Sweetspot

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



15116311



16771770



15079253



8418135



0



8421504

Same Dimension

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



15116311



16757504



12445207



7565159



11762944



3351552

Inverse Universe

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



1529318



19711



4200422



6777715



13747



3891

Previews

White Background



This preview shows how the Decimal color 15116311 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 15116311 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 15116311 Background



This preview shows how black text looks on a background with the Decimal color 15116311.



This preview shows how white text looks on a background with the Decimal color 15116311.

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
15116311

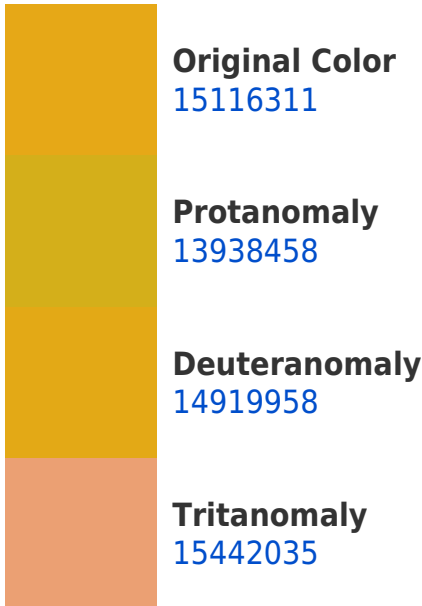
Protanopia
13284123

Deuteranopia
14854677



Tritanopia
15637672

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 15116311 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 #E6A817 looks like.

```
.text, #text, p{  
    color:#E6A817  
}
```

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 #E6A817 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6A817
}
```

Border

The CSS property to change the border of an element to Decimal 15116311 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
#E6A817 }
```

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

```
.border{ border-color:#E6A817 }
```

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

Here you see how a box with a 4 pixel #E6A817 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6A817; -webkit-box-shadow:4px 4px  
4px 4px #E6A817; box-shadow:4px 4px 4px  
4px #E6A817 }
```

Background

The CSS property to change the background color of an element to Decimal 15116311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6A817 }
```

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

```
.background{ background-color:#E6A817 }
```

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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