

# Converting Colors

Decimal(15117601)

Have a look what the booklet for  
Decimal(15117601) contains.

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# **Color**

**Decimal(15117601)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6AD21
RGB	230, 173, 33
RGB Percent	90%, 68%, 13%
CMY	0.0980, 0.3216, 0.8706
CMYK	0.00, 0.25, 0.86, 0.10
HSL	43°, 80%, 52%
HSV	43°, 86%, 90%
XYZ	47.8512, 46.8199, 7.9540
YIQ	174.0830, 78.9120, -31.4560

# Conversions

## Conversions Part 2

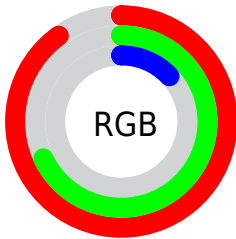
Format	Color
<a href="#">RYB</a>	<a href="#">113, 230, 33</a>
Decimal	<a href="#">15117601</a>
CIELab	<a href="#">74.07, 9.51, 71.69</a>
CIELCh	<a href="#">74, 72.322, 82.445</a>
Yxy	<a href="#">46.8199, 0.4663, 0.4562</a>
Android (android.graphics.Color)	<a href="#">4293307681</a> ( <a href="#">0xFFE6AD21</a> )
YUV	<a href="#">174.0830, -69.5539, 49.0392</a>
Hunter-Lab	<a href="#">68.4251, 5.0851, 41.0055</a>

# Details

The Decimal color **15117601** 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 **2185958**, and the grayscale version is **11513775**.

A 20% lighter version of the original color is **16770141**, and **11106560** is the 20% darker color. If you saturate the color by 10%, you get **15115786**, and if you desaturate by 10%, it is **15119416**.

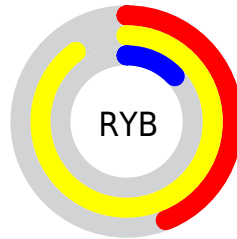
# Distribution



Red (90%)

Green (68%)

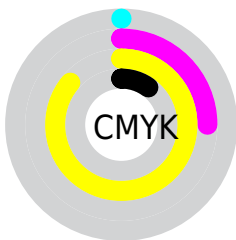
Blue (13%)



Red (44%)

Yellow (90%)

Blue (13%)

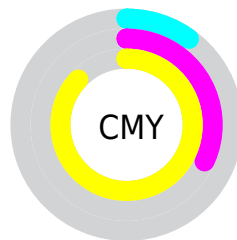


Cyan (0%)

Magenta (25%)

Yellow (86%)

Black (10%)



Cyan (10%)

Magenta (32%)



















Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15117601 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 15117601 by changing the saturation by 10% instead.



 15117601	 15117601
16777215	 13079296
 16770141	 11106560
 16777081	 9199616
 16777109	 7293184
 16777138	 5452544
 16777166	 3677696
 16777196	 2098944
	 0
 15117601	 15117601

■ 15115786

■ 15119416

■ 15115008

■ 15120975

■ 15122790

■ 15124605

■ 15126164

■ 15127979

■ 15129794

■ 15131353

■ 15133168

# Harmonies

## Analogous

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



16749133



15117601



11059755

# Triad

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



15117601



54759



16158463

# Complementary

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



15117601



2185958

# 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.



9940223



15117601



53503

# Square

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



15117601



54690



50175



16742602

# Rectangle

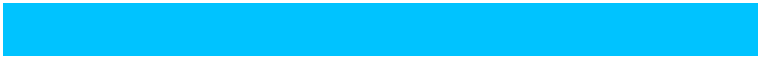
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15117601



7588685



50175



14522623

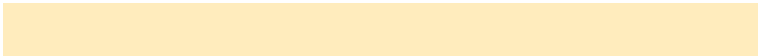


# Sweetspot

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



15117601



16772285



15081820



8418392



0



8421504



# Same Dimension

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



15117601



16758016



12576289



7565159



11763456



3351552



# Inverse Universe

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



2185958



19199



4727270



6777715



13491



3891



# Previews

## White Background



This preview shows how the Decimal color 15117601 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 15117601 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 15117601 Background



This preview shows how black text looks on a background with the Decimal color 15117601.




This preview shows how white text looks on a background with the Decimal color 15117601.

# 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](#).

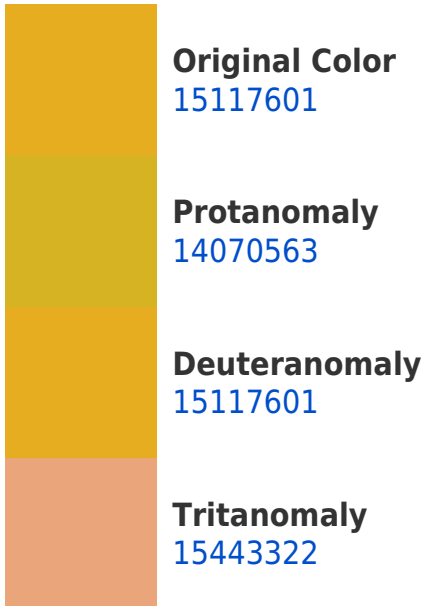
## Dichromacy





**Tritanopia**  
15638957

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15117601 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 #E6AD21 looks like.

```
.text, #text, p{  
    color:#E6AD21  
}
```

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 #E6AD21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6AD21
}
```

## Border

The CSS property to change the border of an element to Decimal 15117601 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
#E6AD21 }
```

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

```
.border{ border-color:#E6AD21 }
```

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

Here you see how a box with a 4 pixel #E6AD21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6AD21; -webkit-box-shadow:4px 4px  
4px 4px #E6AD21; box-shadow:4px 4px 4px  
4px #E6AD21 }
```

# Background

The CSS property to change the background color of an element to Decimal 15117601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6AD21 }
```

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

```
.background{ background-color:#E6AD21 }
```

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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