

Converting Colors

Decimal(15577165)

Have a look what the booklet for
Decimal(15577165) contains.

Decimal(15577165)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(15577165)

Conversions

Conversions Part 1

Format	Color
Hex	EDB04D
RGB	237, 176, 77
RGB Percent	93%, 69%, 30%
CMY	0.0706, 0.3098, 0.6980
CMYK	0.00, 0.26, 0.68, 0.07
HSL	37°, 82%, 62%
HSV	37°, 68%, 93%
XYZ	51.7899, 49.5910, 13.8636
YIQ	182.9530, 68.1350, -17.8570

Conversions

Conversions Part 2

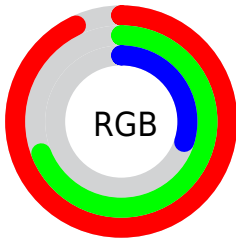
Format	Color
R _{YB}	176, 237, 77
Decimal	15577165
CIE Lab	75.82, 12.62, 57.69
CIE LCh	76, 59.054, 77.659
Yxy	49.5910, 0.4494, 0.4303
Android (android.graphics.Color)	4293767245 (0xFFEDB04D)
YUV	182.9530, -52.2348, 47.3992
Hunter-Lab	70.4209, 8.0385, 37.6224

Details

The Decimal color **15577165** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5081837**, and the grayscale version is **12040119**.

A 20% lighter version of the original color is **16770946**, and **11631637** is the 20% darker color. If you saturate the color by 10%, you get **15574837**, and if you desaturate by 10%, it is **15579493**.

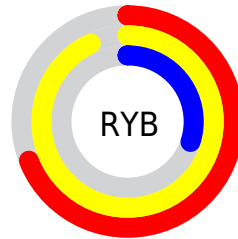
Distribution



Red (93%)

Green (69%)

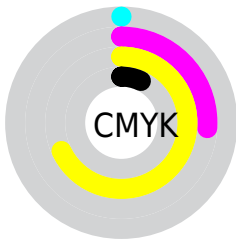
Blue (30%)



Red (69%)

Yellow (93%)

Blue (30%)

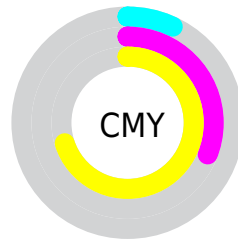


Cyan (0%)

Magenta (26%)

Yellow (68%)

Black (7%)



Cyan (7%)



















Magenta (31%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15577165 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 15577165 by changing the saturation by 10% instead.

 15577165	 15577165
 16777215	 13604146
 16770946	 11631637
 16777117	 9724672
 16777145	 7817984
 16777173	 5977344
 16777202	 4202240
	 2558464
	 0
 15577165	 15577165

 15574837

 15579493

 15572510

 15581820

 15570182

 15584148

 15569664

 15586476

 15588803

 15591131

 15593459

 15595775

 15597567

Harmonies

Analogous

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



16751468



15577165



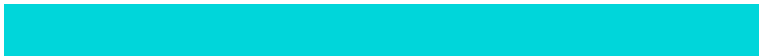
12304973

Triad

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



15577165



55002



15179775

Complementary

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



15577165



5081837

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.



9942527



15577165



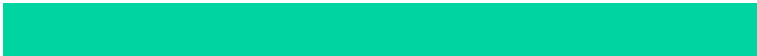
54015

Square

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



15577165



54690



51199



16748244

Rectangle

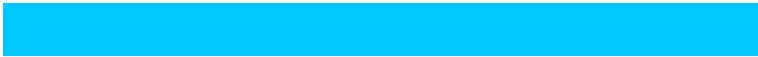
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15577165



9685857



51199



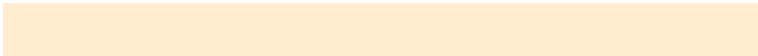
13740031

Sweetspot

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



15577165



16772300



15551882



8418401



0



8421504

Same Dimension

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



15577165



16756784



14347597



7696746



11890688



3547392

Inverse Universe

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



5081837



3178495



6311405



6975093



17845



5174

Previews

White Background



This preview shows how the Decimal color 15577165 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 15577165 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 15577165 Background



This preview shows how black text looks on a background with the Decimal color 15577165.



This preview shows how white text looks on a background with the Decimal color 15577165.

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
15577165

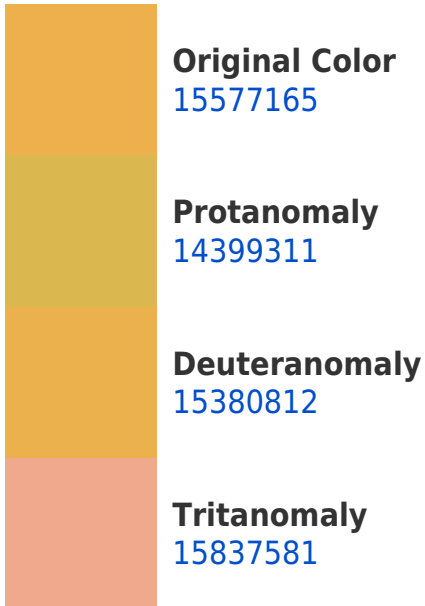
Protanopia
13679440

Deuteranopia
15315532



Tritanopia
16033202

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 15577165 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 #EDB04D looks like.

```
.text, #text, p{  
    color:#EDB04D  
}
```

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 #EDB04D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EDB04D
}
```

Border

The CSS property to change the border of an element to Decimal 15577165 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
#EDB04D }
```

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

```
.border{ border-color:#EDB04D }
```

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

Here you see how a box with a 4 pixel #EDB04D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EDB04D; -webkit-box-shadow:4px 4px  
4px 4px #EDB04D; box-shadow:4px 4px 4px  
4px #EDB04D }
```

Background

The CSS property to change the background color of an element to Decimal 15577165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EDB04D }
```

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

```
.background{ background-color:#EDB04D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor