

Converting Colors

Decimal(15310910)

Have a look what the booklet for
Decimal(15310910) contains.

Decimal(15310910)	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(15310910)

Conversions

Conversions Part 1

Format	Color
Hex	E9A03E
RGB	233, 160, 62
RGB Percent	91%, 63%, 24%
CMY	0.0863, 0.3725, 0.7569
CMYK	0.00, 0.31, 0.73, 0.09
HSL	34°, 80%, 58%
HSV	34°, 73%, 91%
XYZ	47.0446, 42.8131, 10.3417
YIQ	170.6550, 74.9660, -15.0020

Conversions

Conversions Part 2

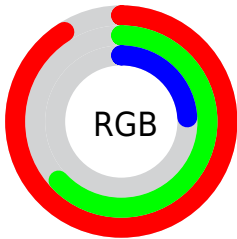
Format	Color
RYB	189, 233, 62
Decimal	15310910
CIELab	71.43, 18.67, 59.49
CIElCh	71, 62.347, 72.577
Yxy	42.8131, 0.4695, 0.4273
Android (android.graphics.Color)	4293500990 (0xFFE9A03E)
YUV	170.6550, -53.5669, 54.6766
Hunter-Lab	65.4317, 13.8339, 36.4312

Details

The Decimal color **15310910** is a light color, and the websafe version is hex **CC9933**. The color can be described as light washed orange. A complement of this color would be **4098025**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **16766835**, and **11299840** is the 20% darker color. If you saturate the color by 10%, you get **15308327**, and if you desaturate by 10%, it is **15313493**.

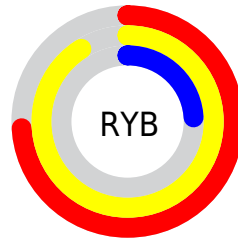
Distribution



Red (91%)

Green (63%)

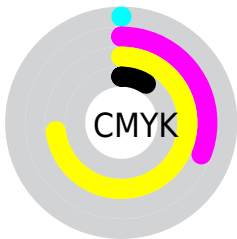
Blue (24%)



Red (74%)

Yellow (91%)

Blue (24%)

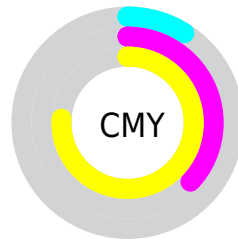


Cyan (0%)

Magenta (31%)

Yellow (73%)

Black (9%)



Cyan (9%)

Magenta (37%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15310910 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 15310910 by changing the saturation by 10% instead.

 15310910

 15310910

16777215

 13272610

 16766835

 11299840

 16774030

 9393152


 16777129

 7486720

 16777157

 5646080

 16777186

 3805696

 2293760

 0

 15310910

 15310910

15308327

15313493

15305743

15316077

15304192

15318660

15321243

15323827

15326410

15328993

15331576

15334143

Harmonies

Analogous

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



16747108



15310910



12039222

Triad

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



15310910



52166



13735679

Complementary

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



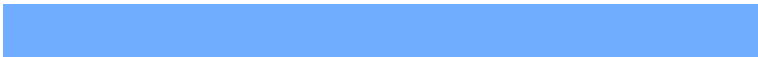
15310910



4098025

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.



7450111



15310910



51451

Square

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



15310910



51339



48895



16744914

Rectangle

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



15310910



9420105



48895



12033791

Sweetspot

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



15310910



16771015



15285896



8417630



0



8421504

Same Dimension

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



15310910



16752415



14608702



7696490



11888640



3546880

Inverse Universe

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



4098025



2064127



4800233



6975349



19893



5942

Previews

White Background



This preview shows how the Decimal color 15310910 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 15310910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

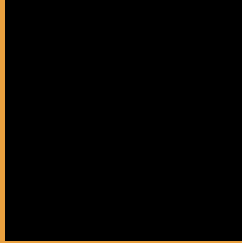
Any Text WCAG AA ✓ Pass

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 15310910 Background



This preview shows how black text looks on a background with the Decimal color 15310910.



This preview shows how white text looks on a background with the Decimal color 15310910.

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
15310910

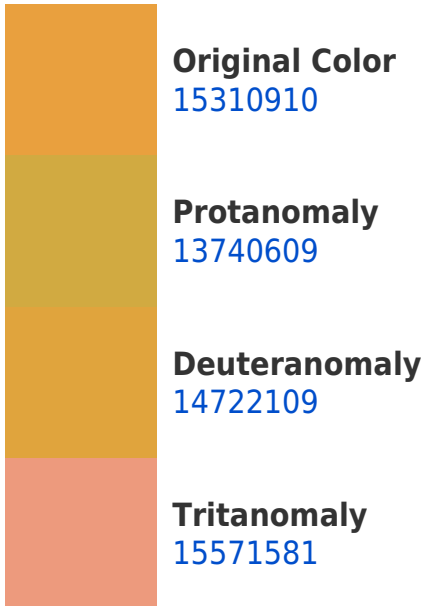
Protanopia
12890178

Deuteranopia
14395196



Tritanopia
15701665

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 15310910 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 #E9A03E looks like.

```
.text, #text, p{  
    color:#E9A03E  
}
```

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 #E9A03E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9A03E
}
```

Border

The CSS property to change the border of an element to Decimal 15310910 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
#E9A03E }
```

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

```
.border{ border-color:#E9A03E }
```

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

Here you see how a box with a 4 pixel #E9A03E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9A03E; -webkit-box-shadow:4px 4px  
4px 4px #E9A03E; box-shadow:4px 4px 4px  
4px #E9A03E }
```

Background

The CSS property to change the background color of an element to Decimal 15310910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9A03E }
```

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

```
.background{ background-color:#E9A03E }
```

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