

# Converting Colors

Decimal(15709773)

Have a look what the booklet for  
Decimal(15709773) contains.

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# **Color**

**Decimal(15709773)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFB64D
RGB	239, 182, 77
RGB Percent	94%, 71%, 30%
CMY	0.0627, 0.2863, 0.6980
CMYK	0.00, 0.24, 0.68, 0.06
HSL	39°, 84%, 62%
HSV	39°, 68%, 94%
XYZ	53.6641, 52.3424, 14.2959
YIQ	187.0730, 67.6770, -20.5710

# Conversions

## Conversions Part 2

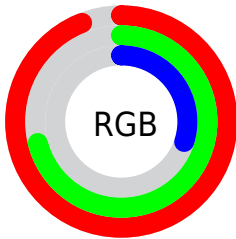
Format	Color
<a href="#">RYB</a>	<a href="#">165, 239, 77</a>
Decimal	<a href="#">15709773</a>
<a href="#">CIELab</a>	<a href="#">77.49, 10.30, 59.53</a>
<a href="#">CIElCh</a>	<a href="#">77, 60.415, 80.182</a>
<a href="#">Yxy</a>	<a href="#">52.3424, 0.4461, 0.4351</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4293899853 (0xFFEFB64D)</a>
<a href="#">YUV</a>	<a href="#">187.0730, -54.2660, 45.5400</a>
<a href="#">Hunter-Lab</a>	<a href="#">72.3481, 5.7930, 38.9280</a>

# Details

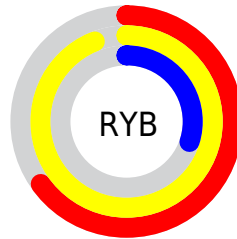
The Decimal color **15709773** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **5080815**, and the grayscale version is **12369084**.

A 20% lighter version of the original color is **16772738**, and **11763987** is the 20% darker color. If you saturate the color by 10%, you get **15707701**, and if you desaturate by 10%, it is **15711845**.

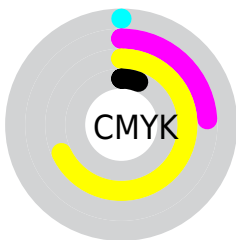
# Distribution



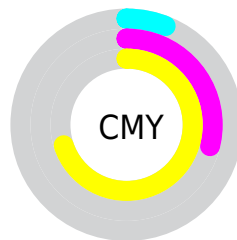
- Red (94%)
- Green (71%)
- Blue (30%)



- Red (65%)
- Yellow (94%)
- Blue (30%)



- Cyan (0%)
- Magenta (24%)
- Yellow (68%)
- Black (6%)



- Cyan (6%)
- Magenta (29%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15709773 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 15709773 by changing the saturation by 10% instead.



 15709773

 15709773

16777215

 13736754

 16772738

 11763987

 16777118

 9857024

 16777146

 7950336

 16777174

 6109696

 16777203

 4334592

 2625536

 0

 15709773

 15709773

15707701

15711845

15705373

15714173

15703301

15716245

15702784

15718573

15720644

15722716

15725044

15727103

15728639

# Harmonies

## Analogous

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



16753003



15709773



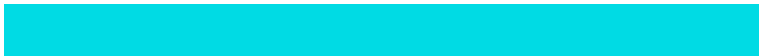
12240976

# Triad

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



15709773



56292



15901183

# Complementary

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



15709773



5080815

# 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.



10795263



15709773



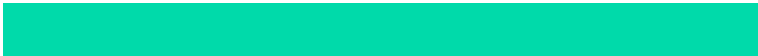
55295

# Square

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



15709773



55978



52223



16749012

# Rectangle

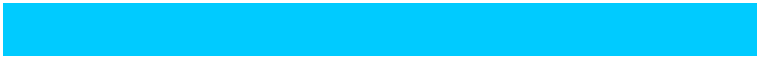
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15709773



9490790



52223



14461439

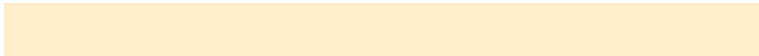


# Sweetspot

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



15709773



16772556



15682952



8418657



0



8421504



# Same Dimension

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



15709773



16758320



14282573



7894124



12089088



3679232



# Inverse Universe

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



5080815



3176959



6508015



7106680



16824



5176



# Previews

## White Background



This preview shows how the Decimal color 15709773 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 15709773 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 15709773 Background



This preview shows how black text looks on a background with the Decimal color 15709773.




This preview shows how white text looks on a background with the Decimal color 15709773.

# 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**  
16231352

# Trichromacy



**Original Color**  
15709773

**Protanomaly**  
14597199

**Deuteranomaly**  
15644237

**Tritanomaly**  
16035729

# Monochromacy



**Original Color**  
15709773

**Achromatopsia**  
12303291

**Achromatomaly**  
13547923

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15709773 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 #EFB64D looks like.

```
.text, #text, p{  
  color:#EFB64D  
}
```

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 #EFB64D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EFB64D
}
```

## Border

The CSS property to change the border of an element to Decimal 15709773 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
#EFB64D }
```

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

```
.border{ border-color:#EFB64D }
```

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

Here you see how a box with a 4 pixel #EFB64D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EFB64D; -webkit-box-shadow:4px 4px  
4px 4px #EFB64D; box-shadow:4px 4px 4px  
4px #EFB64D }
```

# Background

The CSS property to change the background color of an element to Decimal 15709773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EFB64D }
```

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

```
.background{ background-color:#EFB64D }
```

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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