

# Converting Colors

Decimal(6807790)

Have a look what the booklet for  
Decimal(6807790) contains.

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# **Color**

**Decimal(6807790)**

# Conversions

## Conversions Part 1

Format	Color
Hex	67E0EE
RGB	103, 224, 238
RGB Percent	40%, 88%, 93%
CMY	0.5961, 0.1216, 0.0667
CMYK	0.57, 0.06, 0.00, 0.07
HSL	186°, 80%, 67%
HSV	186°, 57%, 93%
XYZ	47.6818, 62.3679, 90.4140
YIQ	189.4170, -76.6100, -21.2980

# Conversions

## Conversions Part 2

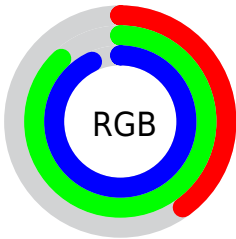
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">103, 167, 238</a>
Decimal	<a href="#">6807790</a>
CIELab	<a href="#">83.11, -29.90, -17.11</a>
CIELCh	<a href="#">83, 34.450, 209.774</a>
Yxy	<a href="#">62.3679, 0.2379, 0.3111</a>
Android (android.graphics.Color)	<a href="#">4284997870 (0xFF67E0EE)</a>
YUV	<a href="#">189.4170, 23.9514, -75.7877</a>
Hunter-Lab	<a href="#">78.9734, -30.4303, -12.5978</a>

# Details

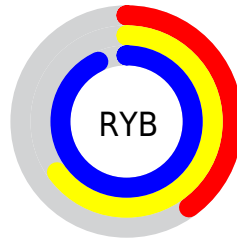
The Decimal color **6807790** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **15627623**, and the grayscale version is **12434877**.

A 20% lighter version of the original color is **10878975**, and **1550518** is the 20% darker color. If you saturate the color by 10%, you get **5234414**, and if you desaturate by 10%, it is **8381166**.

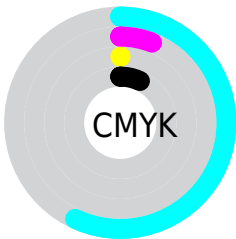
# Distribution



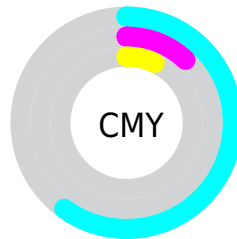
- Red (40%)
- Green (88%)
- Blue (93%)



- Red (40%)
- Yellow (65%)
- Blue (93%)



- Cyan (57%)
- Magenta (6%)
- Yellow (0%)
- Black (7%)



- Cyan (60%)
- Magenta (12%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6807790 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 6807790 by changing the saturation by 10% instead.



6807790

6807790

16777215

4572370

10878975

1550518

12845055

36507

14811135

29825

23400

17232

11321

5156

13

■ 6807790

■ 6807790

■ 5234414

■ 8381166

■ 3660782

■ 9954798

■ 2152942

■ 11462638

■ 579310

■ 13036270

■ 54766

■ 14609646

■ 16183278

■ 16773614

■ 16774382

■ 16774894

# Harmonies

## Analogous

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



8053198



6807790



7986175

# Triad

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



6807790



16301296



15125902

# Complementary

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



6807790



15627623

# 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.



16761496



6807790



16758736

# Square

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



6807790



13879295



16759216



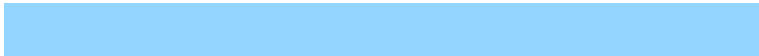
12900246

# Rectangle

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



6807790



9754111



16759216



15780240

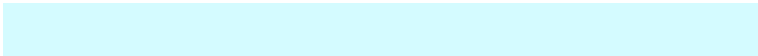


# Sweetspot

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



6807790



13958143



6811252



6716800



0



8421504

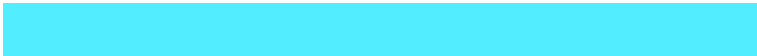


# Same Dimension

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



6807790



5434879



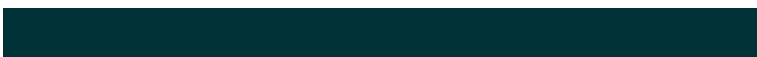
6790638



7108472



42424



12856



# Inverse Universe

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



15624160



16732909



15644775



7892087



12058789

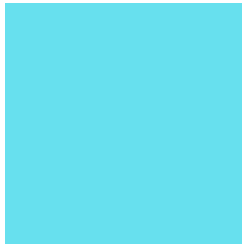


3670066



# Previews

## White Background



This preview shows how the Decimal color 6807790 looks on a white background.

## Color Contrast Check

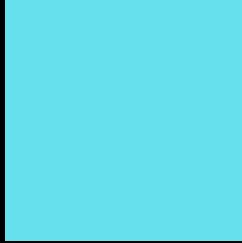
Large Text (above 18pt) WCAG AA × Fail

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 6807790 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 6807790 Background



This preview shows how black text looks on a background with the Decimal color 6807790.

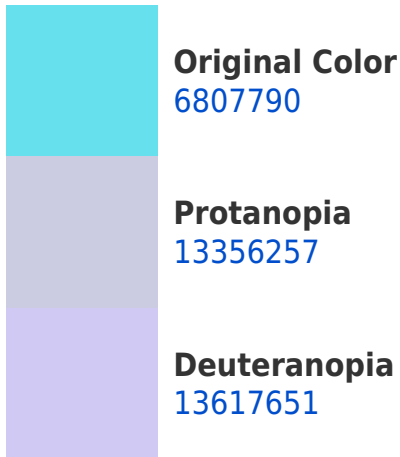


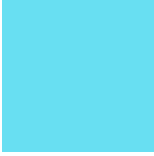
This preview shows how white text looks on a background with the Decimal color 6807790.

# 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](#).

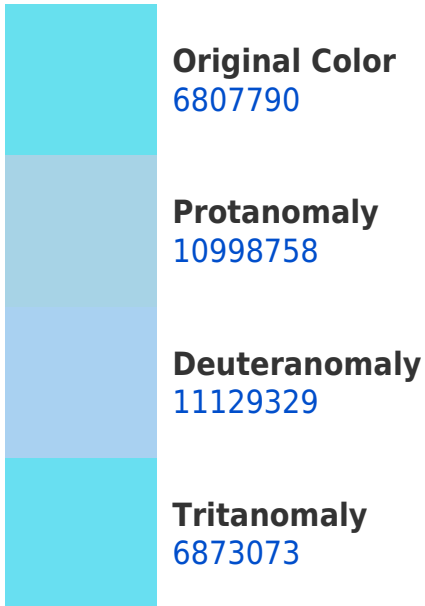
## Dichromacy





**Tritanopia**  
6873074

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6807790 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 #67E0EE looks like.

```
.text, #text, p{  
    color:#67E0EE  
}
```

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 #67E0EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67E0EE
}
```

## Border

The CSS property to change the border of an element to Decimal 6807790 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
#67E0EE }
```

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

```
.border{ border-color:#67E0EE }
```

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

Here you see how a box with a 4 pixel #67E0EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67E0EE; -webkit-box-shadow:4px 4px  
4px 4px #67E0EE; box-shadow:4px 4px 4px  
4px #67E0EE }
```

# Background

The CSS property to change the background color of an element to Decimal 6807790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67E0EE }
```

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

```
.background{ background-color:#67E0EE }
```

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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