

Converting Colors

Decimal(6808033)

Have a look what the booklet for
Decimal(6808033) contains.

Decimal(6808033)	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(6808033)

Conversions

Conversions Part 1

Format	Color
Hex	67E1E1
RGB	103, 225, 225
RGB Percent	40%, 88%, 88%
CMY	0.5961, 0.1176, 0.1176
CMYK	0.54, 0.00, 0.00, 0.12
HSL	180°, 67%, 64%
HSV	180°, 54%, 88%
XYZ	46.1093, 62.1702, 80.8040
YIQ	188.5220, -72.7120, -25.8640

Conversions

Conversions Part 2

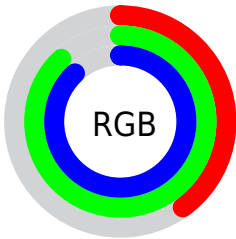
Format	Color
RYB	103, 164, 225
Decimal	6808033
CIELab	83.00, -33.87, -10.38
CIELCh	83, 35.421, 197.035
Yxy	62.1702, 0.2439, 0.3288
Android (android.graphics.Color)	4284998113 (0xFF67E1E1)
YUV	188.5220, 17.9837, -75.0028
Hunter-Lab	78.8481, -33.5997, -5.5671

Details

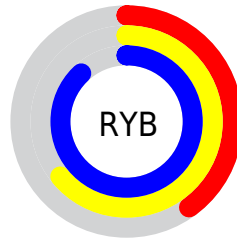
The Decimal color **6808033** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **14772071**, and the grayscale version is **12369084**.

A 20% lighter version of the original color is **10813439**, and **1812906** is the 20% darker color. If you saturate the color by 10%, you get **5366241**, and if you desaturate by 10%, it is **8315361**.

Distribution



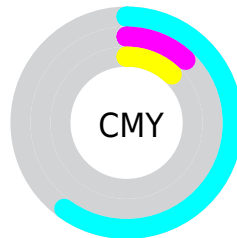
- Red (40%)
- Green (88%)
- Blue (88%)



- Red (40%)
- Yellow (64%)
- Blue (88%)



- Cyan (54%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)

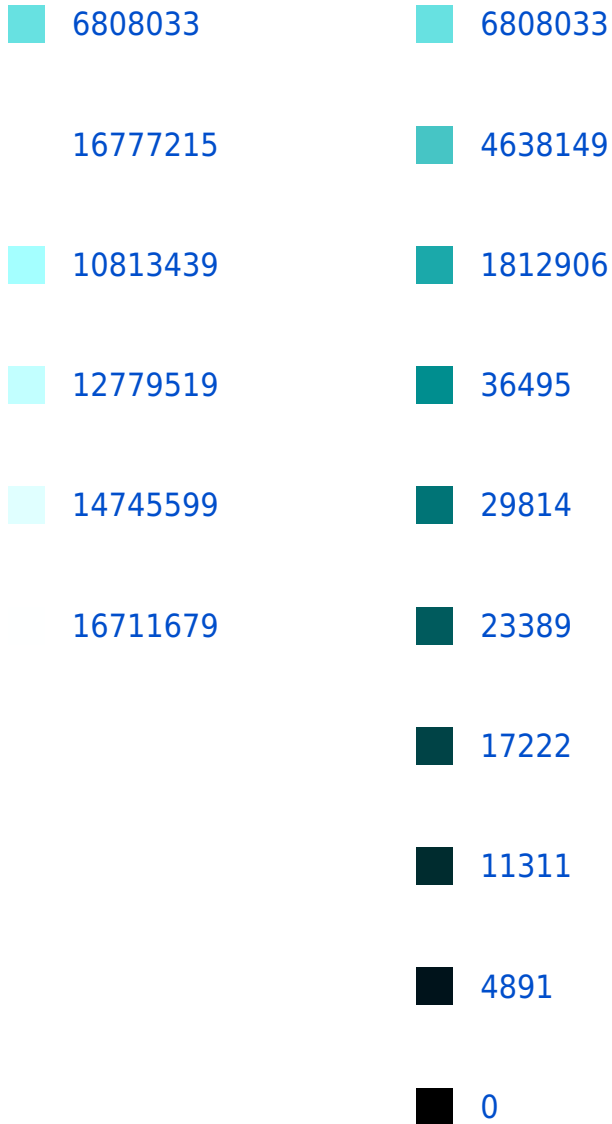


- Cyan (60%)
- Magenta (12%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6808033 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 6808033 by changing the saturation by 10% instead.



■ 6808033

■ 6808033

■ 5366241

■ 8315361

■ 3858913

■ 9757153

■ 2417121

■ 11264481

■ 909793

■ 12706273

■ 57825

■ 14213601

■ 15655393

■ 16769505

Harmonies

Analogous

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



8839359



6808033



6807294

Triad

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



6808033



15450364



15976590

Complementary

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



6808033



14772071

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.



16760223



6808033



16758751

Square

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



6808033



12569599



16758461



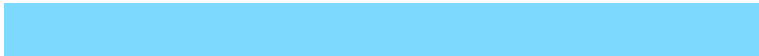
13882254

Rectangle

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



6808033



8313343



16758461



16565394

Sweetspot

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



6808033



14090239



6807911



6783104



0



8421504

Same Dimension

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



6808033



5898239



6792417



6647920



45232



12336

Inverse Universe

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



14772193



16734719



14787687



7366000



11534512



3145776

Previews

White Background



This preview shows how the Decimal color 6808033 looks on a white background.

Color Contrast Check

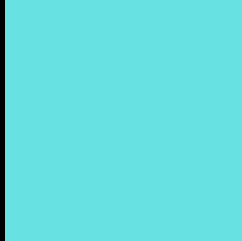
Large Text (above 18pt) WCAG AA × Fail

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 6808033 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 6808033 Background



This preview shows how black text looks on a background with the Decimal color 6808033.



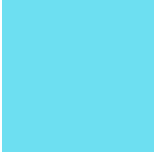
This preview shows how white text looks on a background with the Decimal color 6808033.

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
7200753

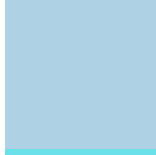
Trichromacy



Original Color
6808033



Protanomaly
11130073



Deuteranomaly
11456996

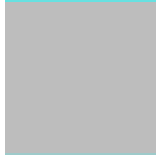


Tritanomaly
7069931

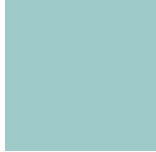
Monochromacy



Original Color
6808033



Achromatopsia
12434877



Achromatomaly
10406602

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6808033 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 #67E1E1 looks like.

```
.text, #text, p{  
    color:#67E1E1  
}
```

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 #67E1E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67E1E1
}
```

Border

The CSS property to change the border of an element to Decimal 6808033 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
#67E1E1 }
```

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

```
.border{ border-color:#67E1E1 }
```

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

Here you see how a box with a 4 pixel #67E1E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67E1E1; -webkit-box-shadow:4px 4px  
4px 4px #67E1E1; box-shadow:4px 4px 4px  
4px #67E1E1 }
```

Background

The CSS property to change the background color of an element to Decimal 6808033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67E1E1 }
```

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

```
.background{ background-color:#67E1E1 }
```

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