

Converting Colors

Decimal(6868672)

Have a look what the booklet for
Decimal(6868672) contains.

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Color

Decimal(6868672)

Conversions

Conversions Part 1

Format	Color
Hex	68CEC0
RGB	104, 206, 192
RGB Percent	41%, 81%, 75%
CMY	0.5922, 0.1922, 0.2471
CMYK	0.50, 0.00, 0.07, 0.19
HSL	172°, 51%, 61%
HSV	172°, 50%, 81%
XYZ	37.2947, 50.8914, 57.7266
YIQ	173.9060, -56.2980, -25.9780

Conversions

Conversions Part 2

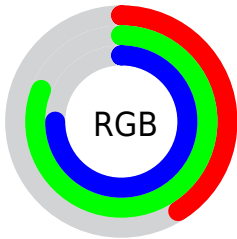
Format	Color
RYB	104, 159, 206
Decimal	6868672
CIELab	76.61, -33.15, -2.19
CIELCh	77, 33.218, 183.785
Yxy	50.8914, 0.2556, 0.3488
Android (android.graphics.Color)	4285058752 (0xFF68CEC0)
YUV	173.9060, 8.9203, -61.3076
Hunter-Lab	71.3382, -31.5246, 1.9596

Details

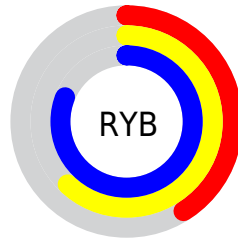
The Decimal color **6868672** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **13527158**, and the grayscale version is **11447982**.

A 20% lighter version of the original color is **10682360**, and **2791307** is the 20% darker color. If you saturate the color by 10%, you get **5492413**, and if you desaturate by 10%, it is **8244931**.

Distribution



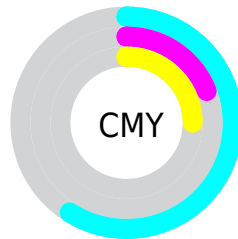
- Red (41%)
- Green (81%)
- Blue (75%)



- Red (41%)
- Yellow (62%)
- Blue (81%)



- Cyan (50%)
- Magenta (0%)
- Yellow (7%)
- Black (19%)



- Cyan (59%)
- Magenta (19%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6868672 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 6868672 by changing the saturation by 10% instead.



6868672



6868672

16777215



4895397



10682360



2791307



12582911



32113



14483455



25433



16449535



19265



13100



8215



0



6868672



6868672

■ 5492413

■ 8244931

■ 4181690

■ 9555654

■ 2805432

■ 10931912

■ 1494709

■ 12242635

■ 118450

■ 13618894

■ 52914

■ 14995153

■ 16305876

■ 16764631

■ 16764633

Harmonies

Analogous

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



9096097



6868672



5819870

Triad

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



6868672



13022448



15315591

Complementary

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



6868672



13527158

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.



16296348



6868672



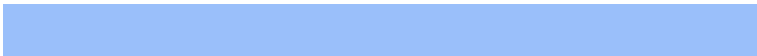
15248089

Square

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



6868672



10141690



16361146



13614208

Rectangle

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



6868672



6540014



16361146



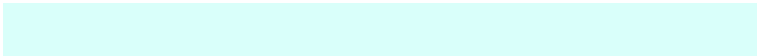
15773581

Sweetspot

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



6868672



14286842



7851624



6914172



0



8421504

Same Dimension

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



6868672



6946794



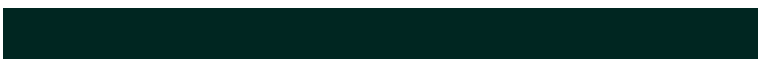
6859470



6055525



42639



9761

Inverse Universe

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



13527158



16738685



13536360



6708317



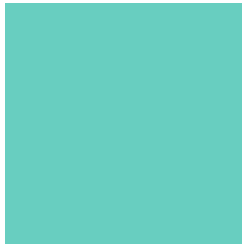
10878999



2490373

Previews

White Background



This preview shows how the Decimal color 6868672 looks on a white background.

Color Contrast Check

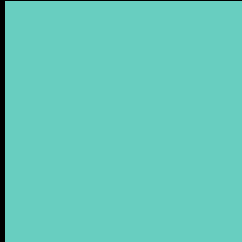
Large Text (above 18pt) WCAG AA × Fail

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 6868672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

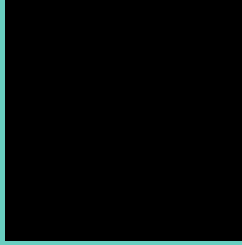
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

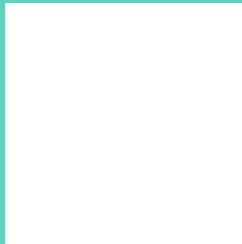
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 6868672 Background



This preview shows how black text looks on a background with the Decimal color 6868672.



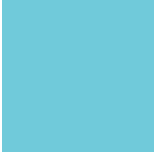
This preview shows how white text looks on a background with the Decimal color 6868672.

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
7391962

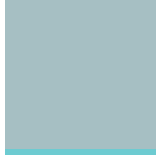
Trichromacy



Original Color
6868672



Protanomaly
10601145



Deuteranomaly
10928067

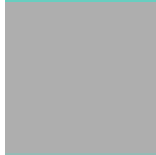


Tritanomaly
7195601

Monochromacy



Original Color
6868672



Achromatopsia
11447982



Achromatomaly
9812661

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6868672 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 #68CEC0 looks like.

```
.text, #text, p{  
    color:#68CEC0  
}
```

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 #68CEC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68CEC0
}
```

Border

The CSS property to change the border of an element to Decimal 6868672 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
#68CEC0 }
```

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

```
.border{ border-color:#68CEC0 }
```

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

Here you see how a box with a 4 pixel #68CEC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68CEC0; -webkit-box-shadow:4px 4px  
4px 4px #68CEC0; box-shadow:4px 4px 4px  
4px #68CEC0 }
```

Background

The CSS property to change the background color of an element to Decimal 6868672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68CEC0 }
```

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

```
.background{ background-color:#68CEC0 }
```

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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