

Converting Colors

Decimal(6868434)

Have a look what the booklet for
Decimal(6868434) contains.

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Color

Decimal(6868434)

Conversions

Conversions Part 1

Format	Color
Hex	68CDD2
RGB	104, 205, 210
RGB Percent	41%, 80%, 82%
CMY	0.5922, 0.1961, 0.1765
CMYK	0.50, 0.02, 0.00, 0.18
HSL	183°, 54%, 62%
HSV	183°, 50%, 82%
XYZ	39.1731, 51.2588, 68.8021
YIQ	175.3710, -61.8010, -19.8570

Conversions

Conversions Part 2

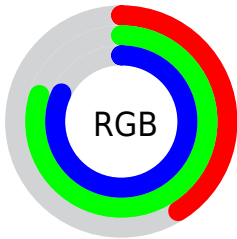
Format	Color
RYB	104, 156, 210
Decimal	6868434
CIELab	76.84, -28.06, -11.56
CIElCh	77, 30.348, 202.395
Yxy	51.2588, 0.2460, 0.3219
Android (android.graphics.Color)	4285058514 (0xFF68CDD2)
YUV	175.3710, 17.0721, -62.5924
Hunter-Lab	71.5953, -27.6261, -6.8602

Details

The Decimal color **6868434** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **13790568**, and the grayscale version is **11513775**.

A 20% lighter version of the original color is **10682367**, and **2594460** is the 20% darker color. If you saturate the color by 10%, you get **5491922**, and if you desaturate by 10%, it is **8244946**.

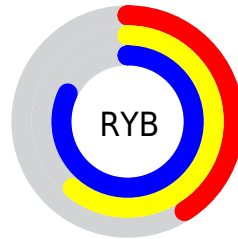
Distribution



Red (41%)

Green (80%)

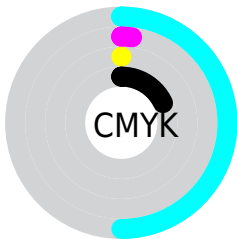
Blue (82%)



Red (41%)

Yellow (61%)

Blue (82%)

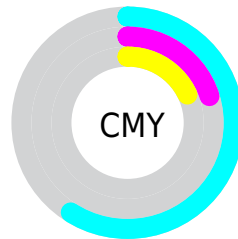


Cyan (50%)

Magenta (2%)

Yellow (0%)

Black (18%)



Cyan (59%)

Magenta (20%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6868434 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 6868434 by changing the saturation by 10% instead.

6868434

6868434

16777215

4895158

10682367

2594460

12648447

31874

14548991

25448

16515071

19280

13113

8228

270

0

■ 6868434

■ 6868434

■ 5491922

■ 8244946

■ 4115410

■ 9621458

■ 2738898

■ 10997970

■ 1362386

■ 12374482

■ 51410

■ 13750994

■ 15127506

■ 16504018

■ 16766418

■ 16766674

Harmonies

Analogous

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



8179125



6868434



7326185

Triad

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



6868434



14397408



14203270

Complementary

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



6868434



13790568

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.



15577234



6868434



15772358

Square

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



6868434



12106225



16165546



12370569

Rectangle

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



6868434



8635890



16165546



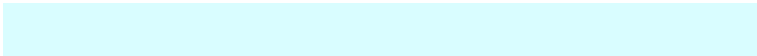
14726793

Sweetspot

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



6868434



14286335



6869612



6913664



0



8421504

Same Dimension

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



6868434



6551807



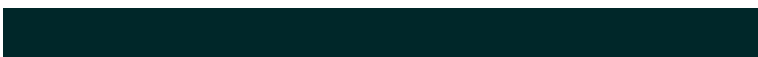
6855122



6187113



41128



10025

Inverse Universe

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



13789389



16737272



13803880



6905448



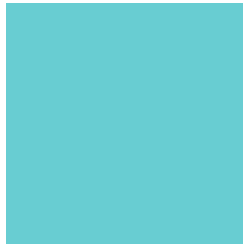
11010208



2687015

Previews

White Background



This preview shows how the Decimal color 6868434 looks on a white background.

Color Contrast Check

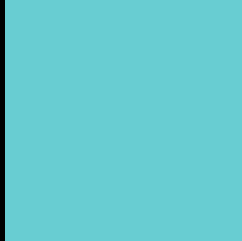
Large Text (above 18pt) WCAG AA × Fail

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 6868434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

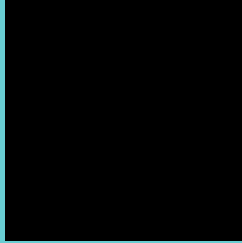
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

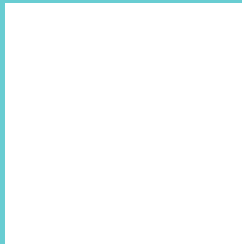
Any Text WCAG AAA ✓ Pass

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

Decimal 6868434 Background



This preview shows how black text looks on a background with the Decimal color 6868434.



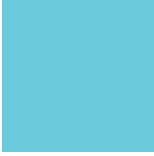
This preview shows how white text looks on a background with the Decimal color 6868434.

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



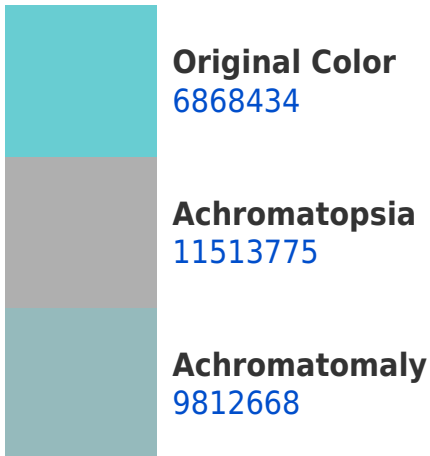


Tritanopia
7064540

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6868434 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 #68CDD2 looks like.

```
.text, #text, p{  
    color:#68CDD2  
}
```

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 #68CDD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68CDD2
}
```

Border

The CSS property to change the border of an element to Decimal 6868434 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
#68CDD2 }
```

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

```
.border{ border-color:#68CDD2 }
```

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

Here you see how a box with a 4 pixel #68CDD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68CDD2; -webkit-box-shadow:4px 4px  
4px 4px #68CDD2; box-shadow:4px 4px 4px  
4px #68CDD2 }
```

Background

The CSS property to change the background color of an element to Decimal 6868434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68CDD2 }
```

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

```
.background{ background-color:#68CDD2 }
```

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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