

Converting Colors

Hex(68C8C5)

Have a look what the booklet for
Hex(68C8C5) contains.

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Color

Hex(68C8C5)

Conversions

Conversions Part 1

Format	Color
Hex	68C8C5
RGB	104, 200, 197
RGB Percent	41%, 78%, 77%
CMY	0.5922, 0.2157, 0.2275
CMYK	0.48, 0.00, 0.01, 0.22
HSL	178°, 47%, 60%
HSV	178°, 48%, 78%
XYZ	36.4412, 48.2828, 60.2222
YIQ	170.9540, -56.2530, -21.2850

Conversions

Conversions Part 2

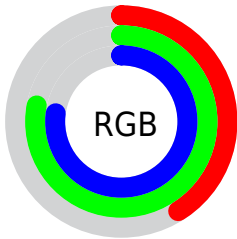
Format	Color
RYB	104, 153, 200
Decimal	6867141
CIELab	75.00, -29.02, -7.27
CIElCh	75, 29.915, 194.063
Yxy	48.2828, 0.2514, 0.3331
Android (android.graphics.Color)	4285057221 (0xFF68C8C5)
YUV	170.9540, 12.8407, -58.7187
Hunter-Lab	69.4858, -27.9875, -2.7455

Details

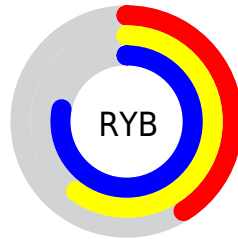
The Hex color **68C8C5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C8686B**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **A1FFFE**, and **2A928F** is the 20% darker color. If you saturate the color by 10%, you get **54C8C4**, and if you desaturate by 10%, it is **7CC8C6**.

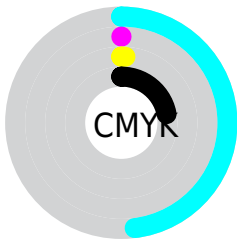
Distribution



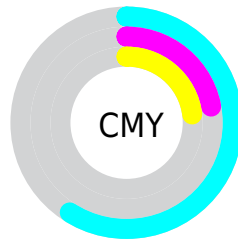
- Red (41%)
- Green (78%)
- Blue (77%)



- Red (41%)
- Yellow (60%)
- Blue (78%)



- Cyan (48%)
- Magenta (0%)
- Yellow (1%)
- Black (22%)



- Cyan (59%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68C8C5 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 Hex color 68C8C5 by changing the saturation by 10% instead.

 68C8C5

 68C8C5

FFFFFF

 4BACAA

 A1FFFE

 2A928F

 BEFFFF

 007876

 DCFFFF

 005E5D

 F9FFFF

 004646

 002F2F

 001B1B

 000000

 68C8C5

 68C8C5

■ 54C8C4

■ 7CC8C6

■ 40C8C4

■ 90C8C6

■ 2CC8C3

■ A4C8C7

■ 18C8C3

■ B8C8C8

■ 04C8C2

■ CCC8C8

■ 00C8C2

■ E0C8C9

■ F4C8C9

■ FFC8CA

■ FFC8CB

Harmonies

Analogous

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



81C7A9



68C8C5



66C6DE

Triad

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



68C8C5



CDADE0



DAB284

Complementary

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



68C8C5



C8686B

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.



EBA994



68C8C5



E6A6C8

Square

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



68C8C5



A8B7EE



F0A5AC



BFBB83

Rectangle

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



68C8C5



76C2E9



F0A5AC



E1AF88

Sweetspot

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



68C8C5



DBFFFE



6BC868



6A807F



000000



808080

Same Dimension

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



68C8C5



6BFFFA



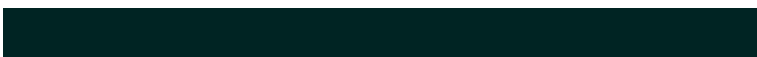
689BC8



5A6363



00A39E



002423

Inverse Universe

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



C8686B



FF6B70



C89568



635A5A



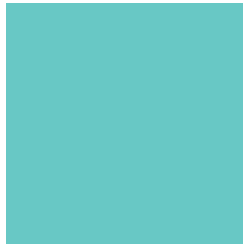
A30005



240001

Previews

White Background



This preview shows how the Hex color 68C8C5 looks on a white background.

Color Contrast Check

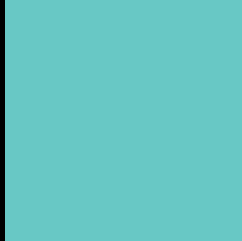
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 68C8C5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

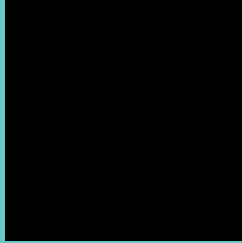
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

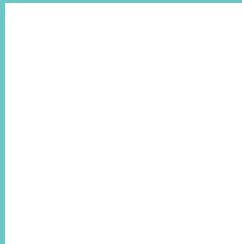
Any Text WCAG AAA ✓ Pass

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

Hex 68C8C5 Background



This preview shows how black text looks on a background with the Hex color 68C8C5.



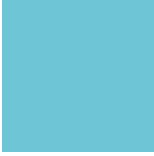
This preview shows how white text looks on a background with the Hex color 68C8C5.

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](#).

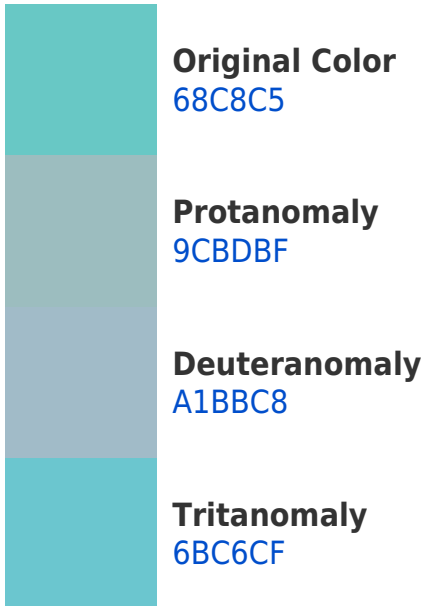
Dichromacy



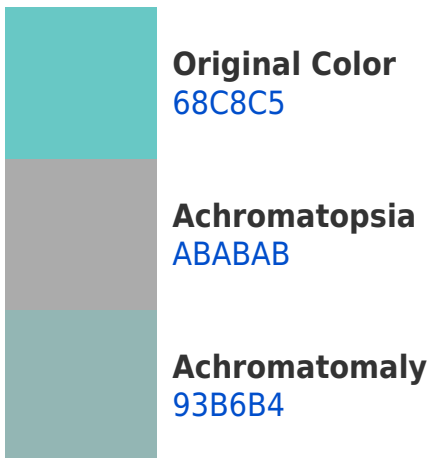


Tritanopia
6DC5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68C8C5 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 #68C8C5 looks like.

```
.text, #text, p{  
    color:#68C8C5  
}
```

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 #68C8C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68C8C5
}
```

Border

The CSS property to change the border of an element to Hex 68C8C5 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
#68C8C5 }
```

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

```
.border{ border-color:#68C8C5 }
```

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

Here you see how a box with a 4 pixel #68C8C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68C8C5; -webkit-box-shadow:4px 4px  
4px 4px #68C8C5; box-shadow:4px 4px 4px  
4px #68C8C5 }
```

Background

The CSS property to change the background color of an element to Hex 68C8C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68C8C5 }
```

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

```
.background{ background-color:#68C8C5 }
```

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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