

Converting Colors

Hex(68C5A5)

Have a look what the booklet for
Hex(68C5A5) contains.

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Color

Hex(68C5A5)

Conversions

Conversions Part 1

Format	Color
Hex	68C5A5
RGB	104, 197, 165
RGB Percent	41%, 77%, 65%
CMY	0.5922, 0.2275, 0.3529
CMYK	0.47, 0.00, 0.16, 0.23
HSL	159°, 44%, 59%
HSV	159°, 47%, 77%
XYZ	32.4667, 45.5922, 42.6863
YIQ	165.5450, -45.1560, -29.6680

Conversions

Conversions Part 2

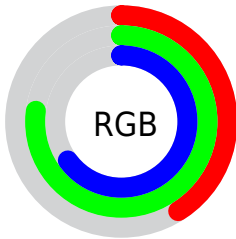
Format	Color
RYB	104, 160, 197
Decimal	6866341
CIELab	73.28, -35.31, 7.55
CIELCh	73, 36.109, 167.924
Yxy	45.5922, 0.2689, 0.3776
Android (android.graphics.Color)	4285056421 (0xFF68C5A5)
YUV	165.5450, -0.2687, -53.9750
Hunter-Lab	67.5220, -32.3350, 9.7832

Details

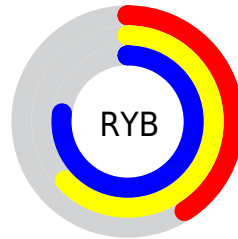
The Hex color **68C5A5** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C56888**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **A0FEDC**, and **2E8F71** is the 20% darker color. If you saturate the color by 10%, you get **54C59E**, and if you desaturate by 10%, it is **7CC5AC**.

Distribution



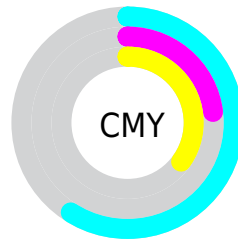
- Red (41%)
- Green (77%)
- Blue (65%)



- Red (41%)
- Yellow (63%)
- Blue (77%)



- Cyan (47%)
- Magenta (0%)
- Yellow (16%)
- Black (23%)



- Cyan (59%)
- Magenta (23%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68C5A5 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 68C5A5 by changing the saturation by 10% instead.



68C5A5



68C5A5

FFFFFF



4CA98B



A0FEDC



2E8F71



BDFFF9



017559



DAFFFF



005B41



F7FFFF



00432B



002C17



001400



000000



68C5A5



68C5A5

 54C59E

 7CC5AC

 41C597

 8FC5B3

 2DC591

 A3C5B9

 19C58A

 B7C5C0

 06C583

 CBC5C7

 00C581

 DEC5CE

 F2C5D4

 FFC5DB

 FFC5E2

Harmonies

Analogous

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



91C087



68C5A5



42C6C7

Triad

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



68C5A5



A5B0F3



EDA284

Complementary

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



68C5A5



C56888

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.



F59BA1



68C5A5



D1A4E1

Square

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



68C5A5



70BBF4



EC9CC3



D6AD73

Rectangle

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



68C5A5



3BC4DC



EC9CC3



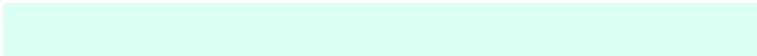
F19F8D

Sweetspot

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



68C5A5



DBFFF3



89C568



6A8078



000000



808080

Same Dimension

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



68C5A5



6EFFCD



68B7C5



5A6360



00A36B



002417

Inverse Universe

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



C56888



FF6EA0



C57668



635A5D



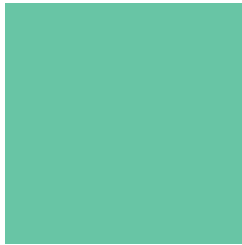
A30038



24000C

Previews

White Background



This preview shows how the Hex color 68C5A5 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 68C5A5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

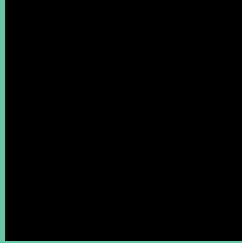
Any Text WCAG AA ✓ Pass

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 68C5A5 Background



This preview shows how black text looks on a background with the Hex color 68C5A5.

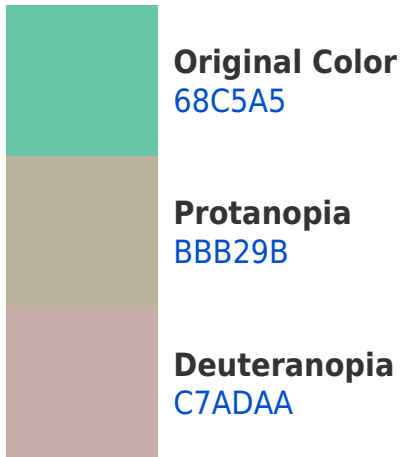


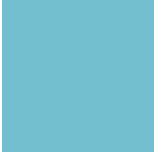
This preview shows how white text looks on a background with the Hex color 68C5A5.

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](#).

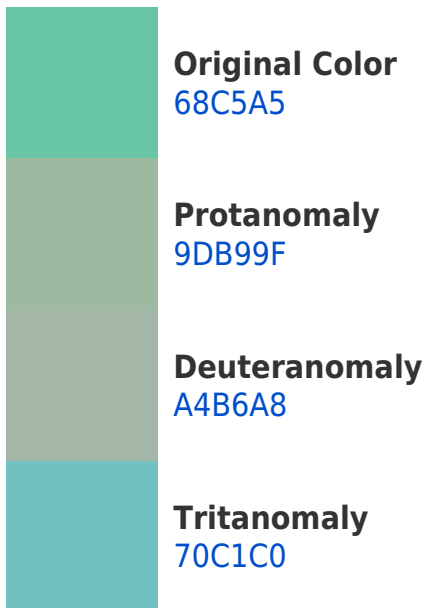
Dichromacy



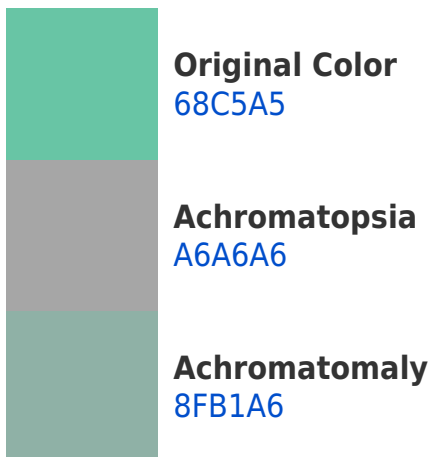


Tritanopia
74BFCF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68C5A5 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 #68C5A5 looks like.

```
.text, #text, p{  
    color:#68C5A5  
}
```

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 #68C5A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68C5A5
}
```

Border

The CSS property to change the border of an element to Hex 68C5A5 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
#68C5A5 }
```

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

```
.border{ border-color:#68C5A5 }
```

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

Here you see how a box with a 4 pixel #68C5A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68C5A5; -webkit-box-shadow:4px 4px  
4px 4px #68C5A5; box-shadow:4px 4px 4px  
4px #68C5A5 }
```

Background

The CSS property to change the background color of an element to Hex 68C5A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68C5A5 }
```

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

```
.background{ background-color:#68C5A5 }
```

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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