

Converting Colors

Hex(84C2C5)

Have a look what the booklet for
Hex(84C2C5) contains.

Hex(84C2C5)	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

Hex(84C2C5)

Conversions

Conversions Part 1

Format	Color
Hex	84C2C5
RGB	132, 194, 197
RGB Percent	52%, 76%, 77%
CMY	0.4824, 0.2392, 0.2275
CMYK	0.33, 0.02, 0.00, 0.23
HSL	183°, 36%, 65%
HSV	183°, 33%, 77%
XYZ	38.8856, 47.5203, 59.9462
YIQ	175.8040, -37.9150, -12.2110

Conversions

Conversions Part 2

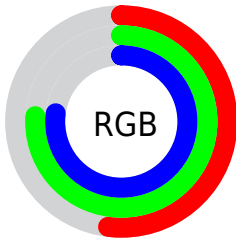
Format	Color
RYB	132, 164, 197
Decimal	8700613
CIELab	74.52, -19.00, -7.85
CIElCh	75, 20.554, 202.447
Yxy	47.5203, 0.2657, 0.3247
Android (android.graphics.Color)	4286890693 (0xFF84C2C5)
YUV	175.8040, 10.4496, -38.4161
Hunter-Lab	68.9350, -19.9461, -3.3044

Details

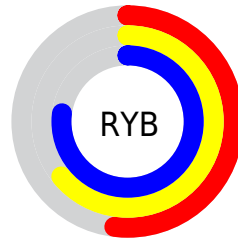
The Hex color **84C2C5** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C58784**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **BBFBFE**, and **4F8C8F** is the 20% darker color. If you saturate the color by 10%, you get **70C1C5**, and if you desaturate by 10%, it is **98C3C5**.

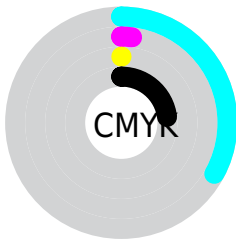
Distribution



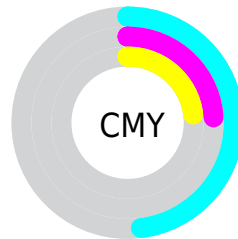
- Red (52%)
- Green (76%)
- Blue (77%)



- Red (52%)
- Yellow (64%)
- Blue (77%)



- Cyan (33%)
- Magenta (2%)
- Yellow (0%)
- Black (23%)



- Cyan (48%)
- Magenta (24%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84C2C5 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 84C2C5 by changing the saturation by 10% instead.



84C2C5



84C2C5

FFFFFF



69A7AA



BBFBFE



4F8C8F



D8FFFF



347376



F5FFFF



175A5D



004246



002C2F



00191A



000000



84C2C5



84C2C5

 70C1C5

 98C3C5

 5DC0C5

 ABC4C5

 49BFC5

 BFC5C5

 35BEC5

 D3C6C5

 22BDC5

 E7C7C5

 0EBDC5

 FAC7C5

 00BCC5

 FFC8C5

 FFC9C5

 FFCAC5

Harmonies

Analogous

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



8EC2B2



84C2C5



89BFD5

Triad

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



84C2C5



CBAECF



CBB492

Complementary

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



84C2C5



C58784

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.



D9AE9A



84C2C5



DAAABD

Square

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



84C2C5



B4B4DA



DFABAA



B7BB94

Rectangle

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



84C2C5



94BCDB



DFABAA



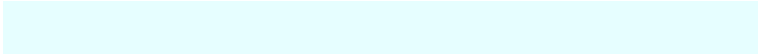
D0B294

Sweetspot

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



84C2C5



E6FEFF



84C586



707F80



000000



808080

Same Dimension

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



84C2C5



99FAFF



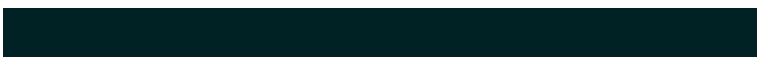
84A2C5



5A6363



009CA3



002224

Inverse Universe

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



C584C2



FF99FA



C5A784



635A63



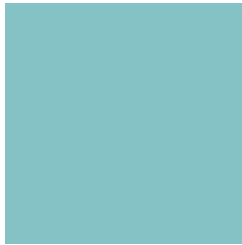
A3009C



240022

Previews

White Background



This preview shows how the Hex color 84C2C5 looks on a white background.

Color Contrast Check

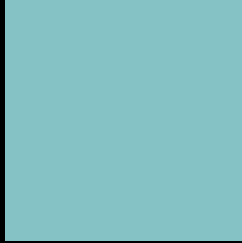
Large Text (above 18pt) WCAG AA × Fail

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 84C2C5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

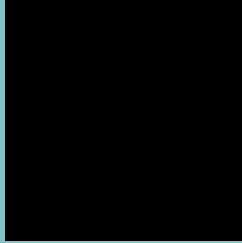
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

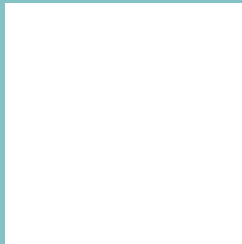
Any Text WCAG AAA ✓ Pass

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

Hex 84C2C5 Background



This preview shows how black text looks on a background with the Hex color 84C2C5.

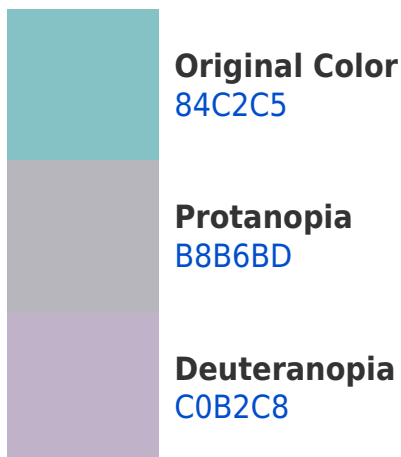


This preview shows how white text looks on a background with the Hex color 84C2C5.

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](#).

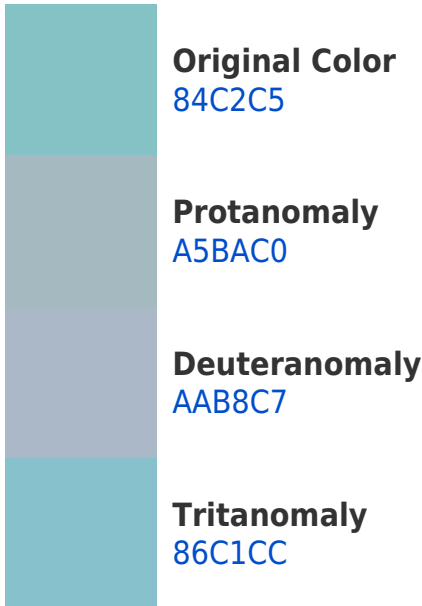
Dichromacy



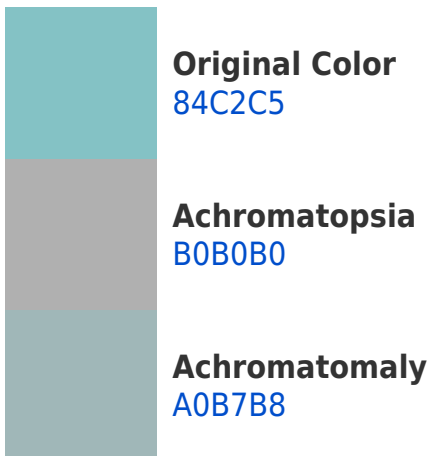


Tritanopia
87C0D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84C2C5 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 #84C2C5 looks like.

```
.text, #text, p{  
    color:#84C2C5  
}
```

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 #84C2C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84C2C5
}
```

Border

The CSS property to change the border of an element to Hex 84C2C5 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
#84C2C5 }
```

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

```
.border{ border-color:#84C2C5 }
```

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

Here you see how a box with a 4 pixel #84C2C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84C2C5; -webkit-box-shadow:4px 4px  
4px 4px #84C2C5; box-shadow:4px 4px 4px  
4px #84C2C5 }
```

Background

The CSS property to change the background color of an element to Hex 84C2C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84C2C5 }
```

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

```
.background{ background-color:#84C2C5 }
```

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