

Converting Colors

Hex(5CA4D2)

Have a look what the booklet for
Hex(5CA4D2) contains.

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Color

Hex(5CA4D2)

Conversions

Conversions Part 1

Format	Color
Hex	5CA4D2
RGB	92, 164, 210
RGB Percent	36%, 64%, 82%
CMY	0.6392, 0.3569, 0.1765
CMYK	0.56, 0.22, 0.00, 0.18
HSL	203°, 57%, 59%
HSV	203°, 56%, 82%
XYZ	29.3220, 33.4794, 65.8895
YIQ	147.7160, -57.6780, -0.9580

Conversions

Conversions Part 2

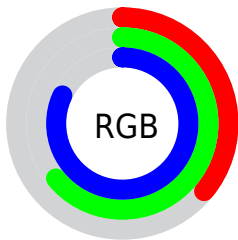
Format	Color
R_{YB}	92, 137, 210
Decimal	6071506
CIE _{Lab}	64.55, -9.34, -30.29
CIE _{LCh}	65, 31.699, 252.867
Yxy	33.4794, 0.2278, 0.2602
Android (android.graphics.Color)	4284261586 (0xFF5CA4D2)
YUV	147.7160, 30.7060, -48.8629
Hunter-Lab	57.8614, -10.8003, -27.0134

Details

The Hex color **5CA4D2** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **D28A5C**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **96DBFF**, and **16709B** is the 20% darker color. If you saturate the color by 10%, you get **479CD2**, and if you desaturate by 10%, it is **71ACD2**.

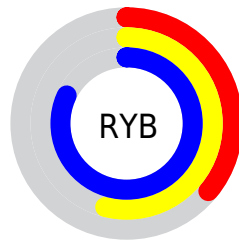
Distribution



Red (36%)

Green (64%)

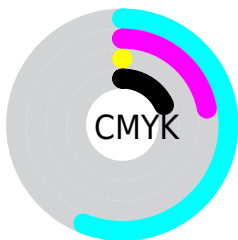
Blue (82%)



Red (36%)

Yellow (54%)

Blue (82%)

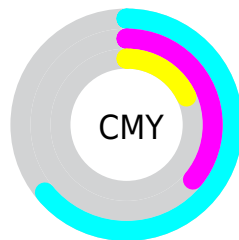


Cyan (56%)

Magenta (22%)

Yellow (0%)

Black (18%)



Cyan (64%)

Magenta (36%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CA4D2 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 5CA4D2 by changing the saturation by 10% instead.

■ 5CA4D2

■ 5CA4D2

FFFFFF

■ 3D8AB6

■ 96DBFF

■ 16709B

■ B3F7FF

■ 005881

■ D0FFFF

■ 004168

■ EEEFFF

■ 002B4F

■ 001738

■ 000222

■ 000009

■ 000000

■ 5CA4D2

■ 5CA4D2

■ 479CD2

■ 71ACD2

■ 3294D2

■ 86B4D2

■ 1D8BD2

■ 9BBDD2

■ 0883D2

■ B0C5D2

■ 0080D2

■ C5CDD2

■ DAD5D2

■ EFDDD2

■ FFE5D2

■ FFEED2

Harmonies

Analogous

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



3AAAC2



5CA4D2



899BD3

Triad

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



5CA4D2



D48791



84A672

Complementary

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



5CA4D2



D28A5C

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.



A49F65



5CA4D2



D08C77

Square

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



5CA4D2



CA89AE



BE9567



62AB8B

Rectangle

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



5CA4D2



A494CC



BE9567



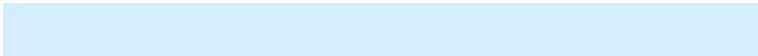
8FA46C

Sweetspot

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



5CA4D2



D4EEFF



5CD289



667680



000000



808080

Same Dimension

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



5CA4D2



54BCFF



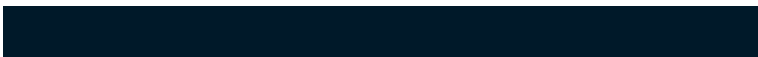
5C6AD2



5E6469



0067A8



001929

Inverse Universe

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



D25CA4



FF54BC



D2C45C



695E64



A80067



290019

Previews

White Background



This preview shows how the Hex color 5CA4D2 looks on a white background.

Color Contrast Check

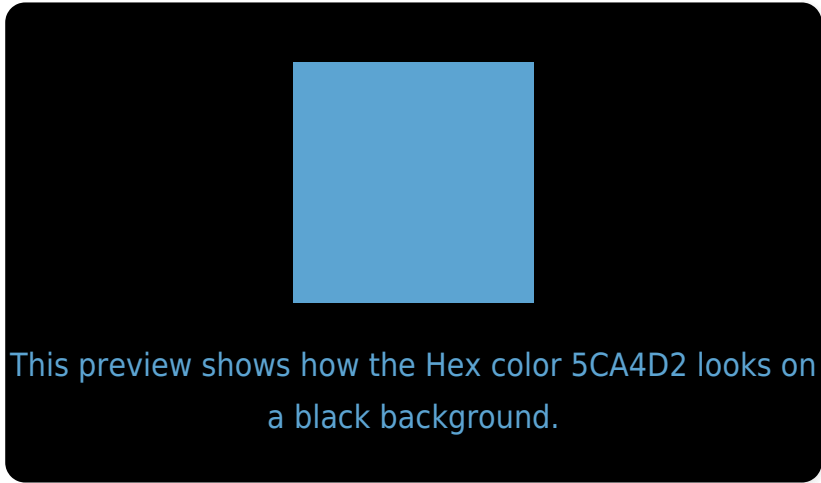
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

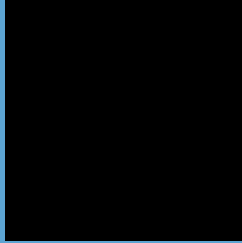
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

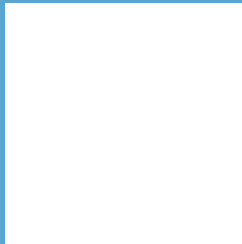
Any Text WCAG AAA ✓ Pass

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

Hex 5CA4D2 Background



This preview shows how black text looks on a background with the Hex color 5CA4D2.

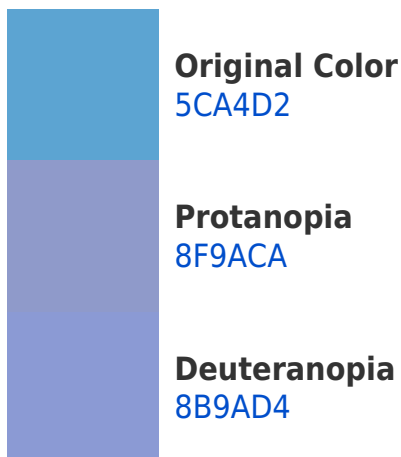


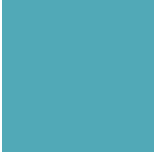
This preview shows how white text looks on a background with the Hex color 5CA4D2.

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](#).

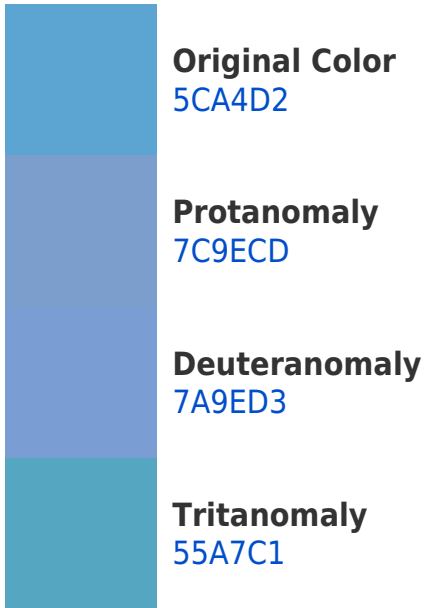
Dichromacy



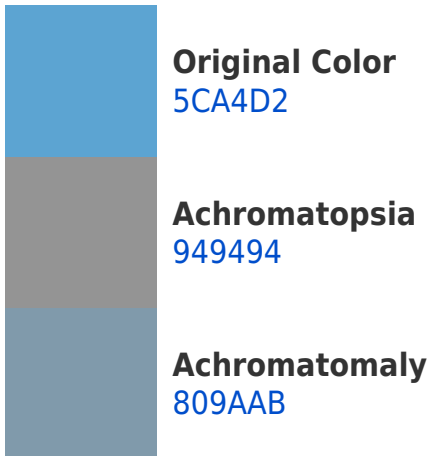


Tritanopia
51A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5CA4D2 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 #5CA4D2 looks like.

```
.text, #text, p{  
    color:#5CA4D2  
}
```

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 #5CA4D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CA4D2
}
```

Border

The CSS property to change the border of an element to Hex 5CA4D2 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
#5CA4D2 }
```

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

```
.border{ border-color:#5CA4D2 }
```

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

Here you see how a box with a 4 pixel #5CA4D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CA4D2; -webkit-box-shadow:4px 4px  
4px 4px #5CA4D2; box-shadow:4px 4px 4px  
4px #5CA4D2 }
```

Background

The CSS property to change the background color of an element to Hex 5CA4D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CA4D2 }
```

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

```
.background{ background-color:#5CA4D2 }
```

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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