

Converting Colors

Hex(53A9CD)

Have a look what the booklet for
Hex(53A9CD) contains.

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Color

Hex(53A9CD)

Conversions

Conversions Part 1

Format	Color
Hex	53A9CD
RGB	83, 169, 205
RGB Percent	33%, 66%, 80%
CMY	0.6745, 0.3373, 0.1961
CMYK	0.60, 0.18, 0.00, 0.20
HSL	198°, 55%, 56%
HSV	198°, 60%, 80%
XYZ	28.7747, 34.6227, 62.9239
YIQ	147.3900, -62.8120, -7.0360

Conversions

Conversions Part 2

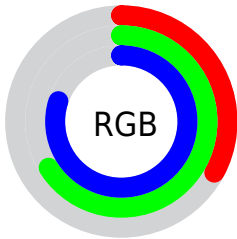
Format	Color
R_{YB}	83, 133, 205
Decimal	5482957
CIE _{Lab}	65.45, -15.36, -26.15
CIE _{LCh}	65, 30.330, 239.571
Yxy	34.6227, 0.2278, 0.2741
Android (android.graphics.Color)	4283673037 (0xFF53A9CD)
YUV	147.3900, 28.4017, -56.4700
Hunter-Lab	58.8411, -15.6811, -22.2152

Details

The Hex color **53A9CD** 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 **CD7753**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **8EE0FF**, and **007597** is the 20% darker color. If you saturate the color by 10%, you get **3FA3CD**, and if you desaturate by 10%, it is **68AFCD**.

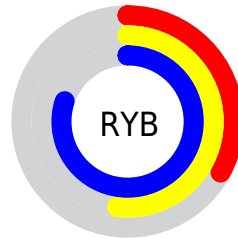
Distribution



Red (33%)

Green (66%)

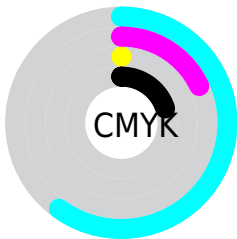
Blue (80%)



Red (33%)

Yellow (52%)

Blue (80%)

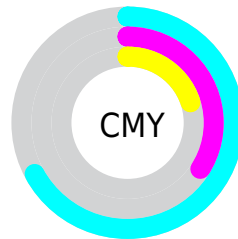


Cyan (60%)

Magenta (18%)

Yellow (0%)

Black (20%)



Cyan (67%)

Magenta (34%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53A9CD 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 53A9CD by changing the saturation by 10% instead.

■ 53A9CD

■ 53A9CD

FFFFFF

■ 328FB1

■ 8EE0FF

■ 007597

■ ABFDFF

■ 005C7D

■ C9FFFF

■ 004564

■ E6FFFF

■ 002E4C

■ 001B35

■ 00021F

■ 000003

■ 000000

■ 53A9CD

■ 53A9CD

■ 3FA3CD

■ 68AFCD

■ 2A9DCD

■ 7CB5CD

■ 1697CD

■ 91BBCD

■ 0191CD

■ A5C1CD

■ 0091CD

■ BAC7CD

■ CECD CD

■ E3D3CD

■ F7D9CD

■ FFDFCD

Harmonies

Analogous

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



43ADB9



53A9CD



7AA2D5

Triad

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



53A9CD



D28BA0



96A56F

Complementary

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



53A9CD



CD7753

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.



B29D68



53A9CD



D48D85

Square

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



53A9CD



C18FBB



C89471



76AB83

Rectangle

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



53A9CD



959BD2



C89471



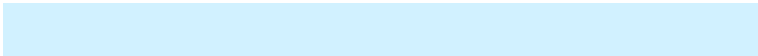
A0A36B

Sweetspot

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



53A9CD



D1F1FF



53CD76



637780



000000



808080

Same Dimension

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



53A9CD



4ACAFF



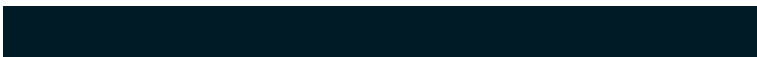
536DCD



5C6366



0075A6



001B26

Inverse Universe

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



CD53A9



FF4ACA



CDB353



665C63



A60075



26001B

Previews

White Background



This preview shows how the Hex color 53A9CD looks on a white background.

Color Contrast Check

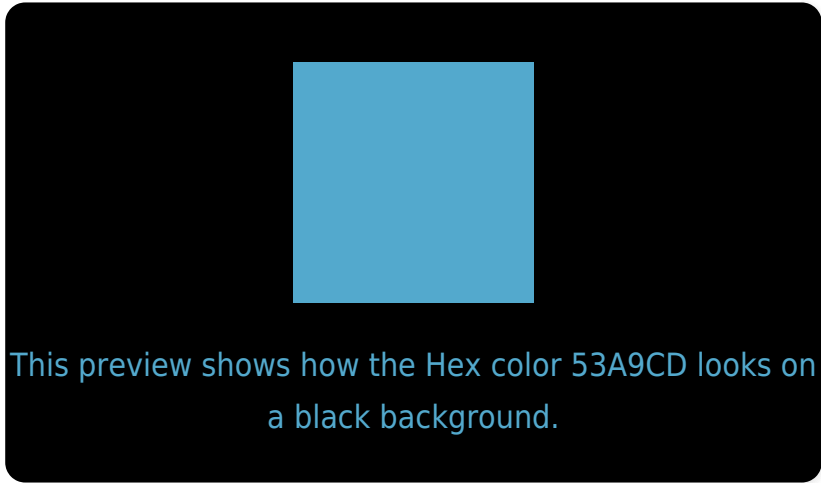
Large Text (above 18pt) WCAG AA × Fail

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

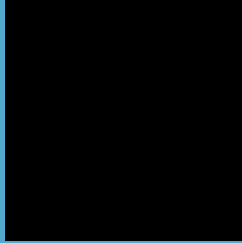
Any Text WCAG AA ✓ Pass

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 53A9CD Background



This preview shows how black text looks on a background with the Hex color 53A9CD.

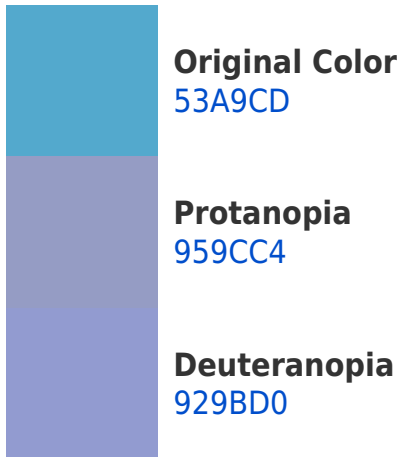


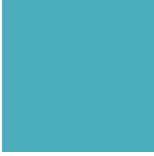
This preview shows how white text looks on a background with the Hex color 53A9CD.

Color Blindness Simulation

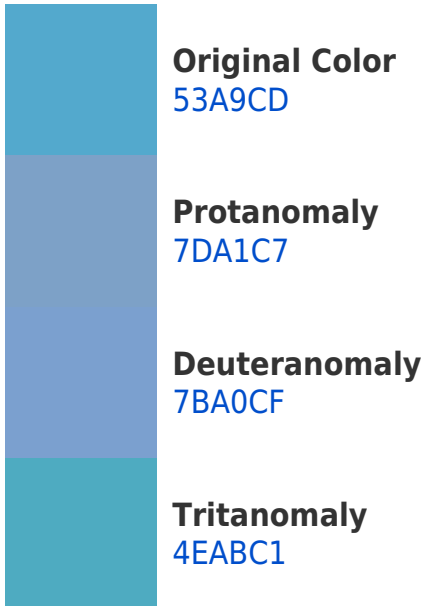
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

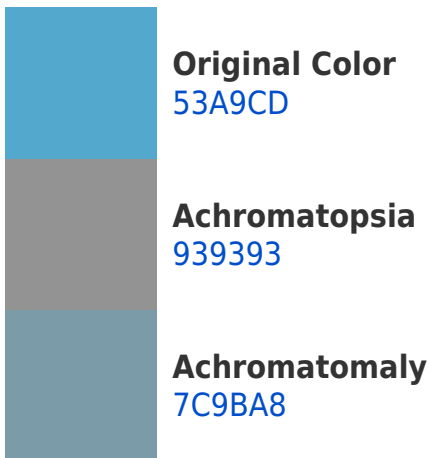




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53A9CD 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 #53A9CD looks like.

```
.text, #text, p{  
    color:#53A9CD  
}
```

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 #53A9CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53A9CD
}
```

Border

The CSS property to change the border of an element to Hex 53A9CD 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
#53A9CD }
```

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

```
.border{ border-color:#53A9CD }
```

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

Here you see how a box with a 4 pixel #53A9CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53A9CD; -webkit-box-shadow:4px 4px  
4px 4px #53A9CD; box-shadow:4px 4px 4px  
4px #53A9CD }
```

Background

The CSS property to change the background color of an element to Hex 53A9CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53A9CD }
```

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

```
.background{ background-color:#53A9CD }
```

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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