

Converting Colors

Hex(53CADF)

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

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Color

Hex(53CADF)

Conversions

Conversions Part 1

Format	Color
Hex	53CADF
RGB	83, 202, 223
RGB Percent	33%, 79%, 87%
CMY	0.6745, 0.2078, 0.1255
CMYK	0.63, 0.09, 0.00, 0.13
HSL	189°, 69%, 60%
HSV	189°, 63%, 87%
XYZ	38.0071, 49.4078, 77.3455
YIQ	168.8130, -77.6650, -18.6970

Conversions

Conversions Part 2

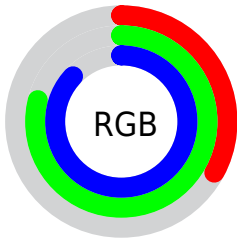
Format	Color
R _Y B	83, 147, 223
Decimal	5491423
CIE Lab	75.70, -26.91, -20.34
CIE LCh	76, 33.734, 217.084
Yxy	49.4078, 0.2307, 0.2999
Android (android.graphics.Color)	4283681503 (0xFF53CADF)
YUV	168.8130, 26.7142, -75.2580
Hunter-Lab	70.2907, -26.4913, -16.0373

Details

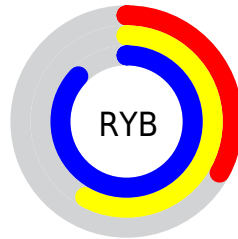
The Hex color **53CADF** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **DF6853**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **92FFFF**, and **0094A8** is the 20% darker color. If you saturate the color by 10%, you get **3DC7DF**, and if you desaturate by 10%, it is **69CDDF**.

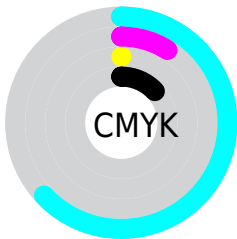
Distribution



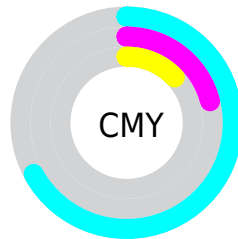
- Red (33%)
- Green (79%)
- Blue (87%)



- Red (33%)
- Yellow (58%)
- Blue (87%)



- Cyan (63%)
- Magenta (9%)
- Yellow (0%)
- Black (13%)



- Cyan (67%)
- Magenta (21%)
- Yellow (13%)

Brightness & Saturation Gradients

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

 53CADF

 53CADF

FFFFFF

 2DAEC3

 92FFFF

 0094A8

 B0FFFF

 007A8D

 CEFFFF

 006074

 EDFFFF

 00485B

 003144

 001E2D

 000119

 000000

 53CADF

 53CADF

 3DC7DF

 69CDDF

 26C3DF

 80D1DF

 10C0DF

 96D4DF

 00BEDF

 ACD7DF

 C3DBDF

 D9DEDF

 EFE1DF

 FFE5DF

 FFE8DF

Harmonies

Analogous

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



60CCC1



53CADF



6EC4F3

Triad

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



53CADF



E8A7D3



C9BB7C

Complementary

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



53CADF



DF6853

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.



E5B082



53CADF



F8A3B4

Square

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



53CADF



C8B0EC



F5A797



A7C488

Rectangle

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



53CADF



8CBEF8



F5A797



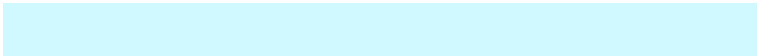
D3B87C

Sweetspot

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



53CADF



CFF8FF



53DF68



627B80



000000



808080

Same Dimension

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



53CADF



40E2FF



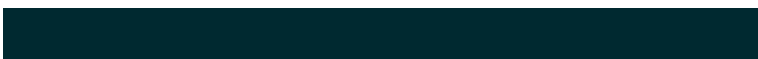
5384DF



656F70



0096B0



002930

Inverse Universe

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



DF53CA



FF40E2



DFAE53



70656F



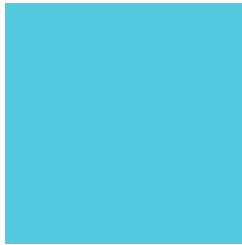
B00096



300029

Previews

White Background



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

Color Contrast Check

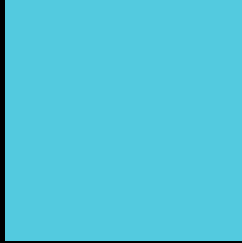
Large Text (above 18pt) WCAG AA × Fail

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 53CADF 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 53CADF Background



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

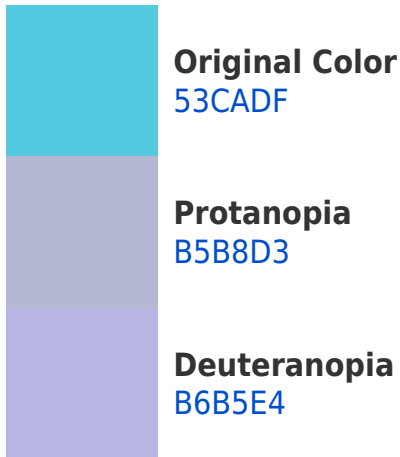


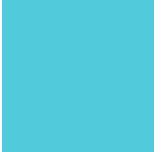
This preview shows how white text looks on a background with the Hex color 53CADF.

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
51CBDB

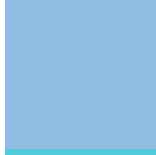
Trichromacy



Original Color
53CADF



Protanomaly
91BFD7



Deuteranomaly
92BDE2

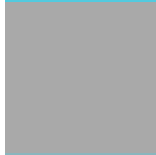


Tritanomaly
52CBDC

Monochromacy



Original Color
53CADF



Achromatopsia
A9A9A9



Achromatomaly
8AB5BD

CSS Examples

Text

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

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

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 #53CADF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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