

Converting Colors

Hex(54A8D3)

Have a look what the booklet for
Hex(54A8D3) contains.

Hex(54A8D3)	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(54A8D3)

Conversions

Conversions Part 1

Format	Color
Hex	54A8D3
RGB	84, 168, 211
RGB Percent	33%, 66%, 83%
CMY	0.6706, 0.3412, 0.1725
CMYK	0.60, 0.20, 0.00, 0.17
HSL	200°, 59%, 58%
HSV	200°, 60%, 83%
XYZ	29.4167, 34.5932, 66.7548
YIQ	147.7860, -63.8670, -4.4350

Conversions

Conversions Part 2

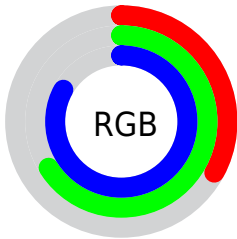
Format	Color
RYB	84, 135, 211
Decimal	5548243
CIELab	65.43, -12.78, -29.51
CIELCh	65, 32.156, 246.576
Yxy	34.5932, 0.2250, 0.2645
Android (android.graphics.Color)	4283738323 (0xFF54A8D3)
YUV	147.7860, 31.1645, -55.9403
Hunter-Lab	58.8160, -13.6518, -26.1215

Details

The Hex color **54A8D3** 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 **D37F54**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **8FDFFF**, and **00749C** is the 20% darker color. If you saturate the color by 10%, you get **3FA1D3**, and if you desaturate by 10%, it is **69AFD3**.

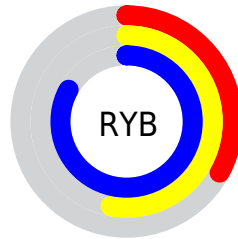
Distribution



Red (33%)

Green (66%)

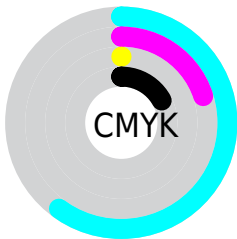
Blue (83%)



Red (33%)

Yellow (53%)

Blue (83%)

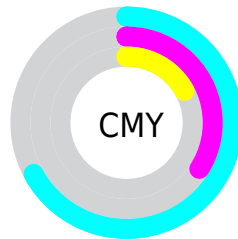


Cyan (60%)

Magenta (20%)

Yellow (0%)

Black (17%)



Cyan (67%)

Magenta (34%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 54A8D3 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 54A8D3 by changing the saturation by 10% instead.

■ 54A8D3

■ 54A8D3

FFFFFF

■ 338EB7

■ 8FDFFF

■ 00749C

■ ADFCFF

■ 005B82

■ CAFFFF

■ 004469

■ E8FFFF

■ 002E50

■ 001A39

■ 000223

■ 00000B

■ 000000

■ 54A8D3

■ 54A8D3

■ 3FA1D3

■ 69AFD3

■ 2A9AD3

■ 7EB6D3

■ 1593D3

■ 93BDD3

■ 008CD3

■ A8C5D3

■ BDCCD3

■ D3D3D3

■ E8DAD3

■ FDE1D3

■ FFE8D3

Harmonies

Analogous

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



38ADC0



54A8D3



819FD8

Triad

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



54A8D3



D78999



8DA770

Complementary

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



54A8D3



D37F54

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.



AC9F65



54A8D3



D58D7E

Square

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



54A8D3



C98CB6



C6956B



6BAD87

Rectangle

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



54A8D3



9E99D2



C6956B



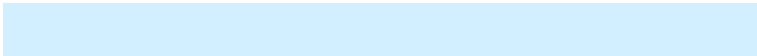
98A56B

Sweetspot

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



54A8D3



D1EFFF



54D37E



637680



000000



808080

Same Dimension

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



54A8D3



47C1FF



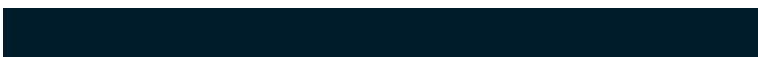
5469D3



5E6569



006FA8



001B29

Inverse Universe

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



D354A8



FF47C1



D3BE54



695E65



A8006F



29001B

Previews

White Background



This preview shows how the Hex color 54A8D3 looks on a white background.

Color Contrast Check

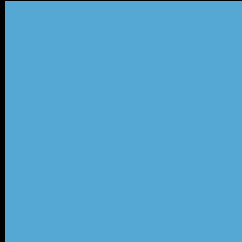
Large Text (above 18pt) WCAG AA × Fail

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 54A8D3 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 54A8D3 Background



This preview shows how black text looks on a background with the Hex color 54A8D3.

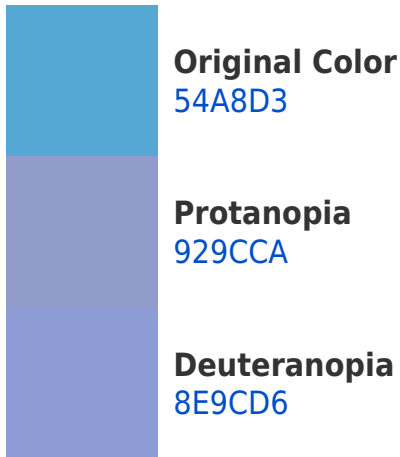


This preview shows how white text looks on a background with the Hex color 54A8D3.

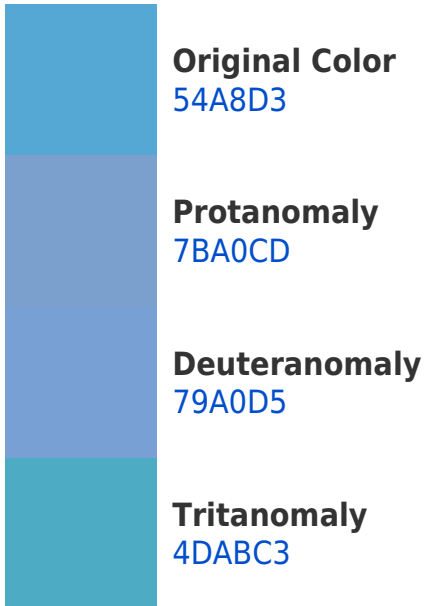
Color Blindness Simulation

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](#).

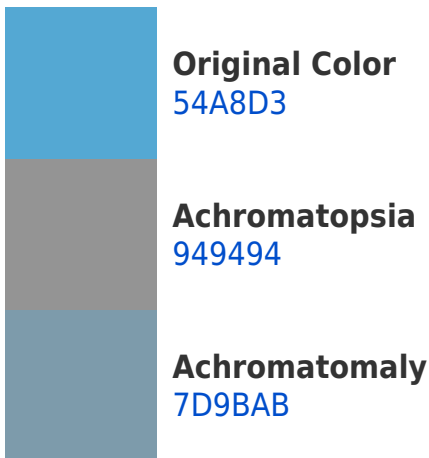
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 54A8D3 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 #54A8D3 looks like.

```
.text, #text, p{  
    color:#54A8D3  
}
```

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 #54A8D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54A8D3
}
```

Border

The CSS property to change the border of an element to Hex 54A8D3 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
#54A8D3 }
```

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

```
.border{ border-color:#54A8D3 }
```

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

Here you see how a box with a 4 pixel #54A8D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54A8D3; -webkit-box-shadow:4px 4px  
4px 4px #54A8D3; box-shadow:4px 4px 4px  
4px #54A8D3 }
```

Background

The CSS property to change the background color of an element to Hex 54A8D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54A8D3 }
```

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

```
.background{ background-color:#54A8D3 }
```

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