

Converting Colors

Hex(53B8C4)

Have a look what the booklet for
Hex(53B8C4) contains.

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Color

Hex(53B8C4)

Conversions

Conversions Part 1

Format	Color
Hex	53B8C4
RGB	83, 184, 196
RGB Percent	33%, 72%, 77%
CMY	0.6745, 0.2784, 0.2314
CMYK	0.58, 0.06, 0.00, 0.23
HSL	186°, 49%, 55%
HSV	186°, 58%, 77%
XYZ	30.6716, 40.1055, 58.3491
YIQ	155.1690, -64.0480, -17.6800

Conversions

Conversions Part 2

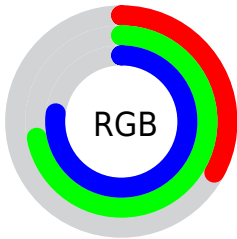
Format	Color
R_{YB}	83, 136, 196
Decimal	5486788
CIE _{Lab}	69.54, -25.77, -14.96
CIE _{LCh}	70, 29.800, 210.133
Yxy	40.1055, 0.2375, 0.3106
Android (android.graphics.Color)	4283676868 (0xFF53B8C4)
YUV	155.1690, 20.1297, -63.2922
Hunter-Lab	63.3289, -24.3741, -10.2976

Details

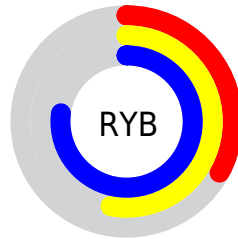
The Hex color **53B8C4** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **C45F53**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **8EF0FD**, and **00838E** is the 20% darker color. If you saturate the color by 10%, you get **3FB6C4**, and if you desaturate by 10%, it is **67BAC4**.

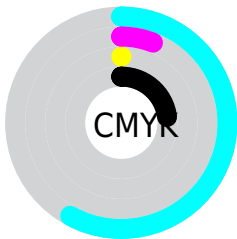
Distribution



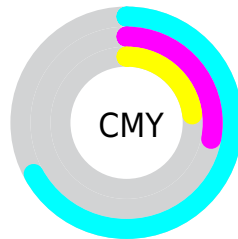
- Red (33%)
- Green (72%)
- Blue (77%)



- Red (33%)
- Yellow (53%)
- Blue (77%)



- Cyan (58%)
- Magenta (6%)
- Yellow (0%)
- Black (23%)



- Cyan (67%)
- Magenta (28%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53B8C4 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 53B8C4 by changing the saturation by 10% instead.

 53B8C4

 53B8C4

FFFFFF

 329DA9

 8EF0FD

 00838E

 ABFFFF

 006975

 C9FFFF

 00515C

 E7FFFF

 003945

 00242E

 00011A

 000000

 53B8C4

 53B8C4

3FB6C4

67BAC4

2CB4C4

7ABCC4

18B2C4

8EBEC4

05B0C4

A1C0C4

00AFC4

B5C2C4

C9C4C4

DCC7C4

F0C9C4

FFCBC4

Harmonies

Analogous

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



63B9A9



53B8C4



62B4D8

Triad

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



53B8C4



CC9AC5



BDA874

Complementary

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



53B8C4



C45F53

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.



D39F7C



53B8C4



DD96AB

Square

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



53B8C4



AEA3D9



DF9890



A0B07B

Rectangle

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



53B8C4



79AFDF



DF9890



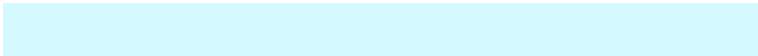
C5A575

Sweetspot

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



53B8C4



D4FAFF



53C45E



667D80



000000



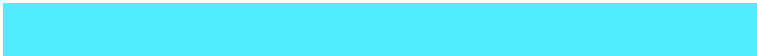
808080

Same Dimension

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



53B8C4



4FECFF



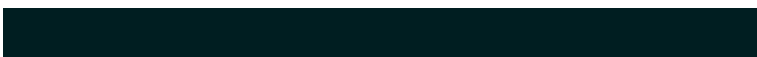
5380C4



576061



0090A1



001E21

Inverse Universe

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



C453B8



FF4FEC



C49753



615760



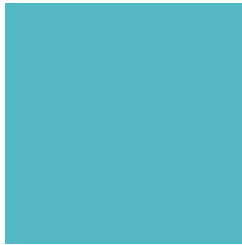
A10090



21001E

Previews

White Background



This preview shows how the Hex color 53B8C4 looks on a white background.

Color Contrast Check

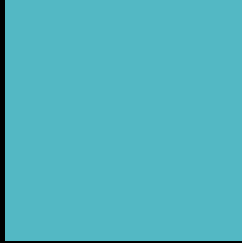
Large Text (above 18pt) WCAG AA × Fail

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 53B8C4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

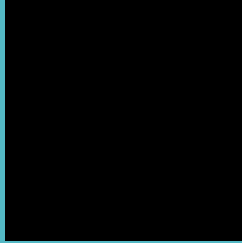
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

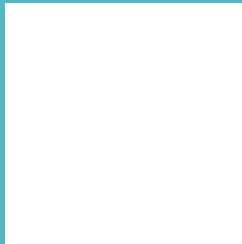
Any Text WCAG AAA ✓ Pass

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

Hex 53B8C4 Background



This preview shows how black text looks on a background with the Hex color 53B8C4.

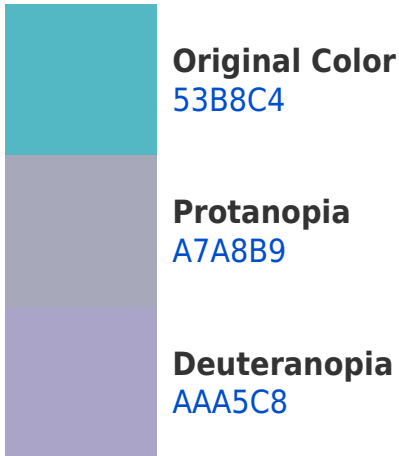


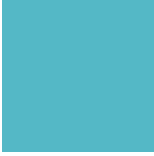
This preview shows how white text looks on a background with the Hex color 53B8C4.

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](#).

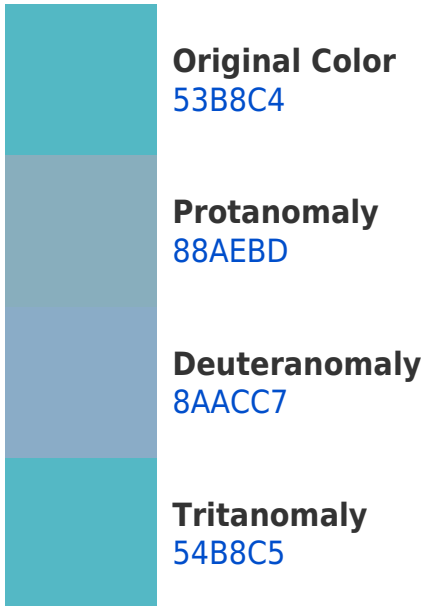
Dichromacy





Tritanopia
54B8C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53B8C4 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 #53B8C4 looks like.

```
.text, #text, p{  
    color:#53B8C4  
}
```

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 #53B8C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53B8C4
}
```

Border

The CSS property to change the border of an element to Hex 53B8C4 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
#53B8C4 }
```

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

```
.border{ border-color:#53B8C4 }
```

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

Here you see how a box with a 4 pixel #53B8C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53B8C4; -webkit-box-shadow:4px 4px  
4px 4px #53B8C4; box-shadow:4px 4px 4px  
4px #53B8C4 }
```

Background

The CSS property to change the background color of an element to Hex 53B8C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53B8C4 }
```

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

```
.background{ background-color:#53B8C4 }
```

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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