

# Converting Colors

Hex(52A8B4)

Have a look what the booklet for  
Hex(52A8B4) contains.

<b>Hex(52A8B4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(52A8B4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52A8B4
RGB	82, 168, 180
RGB Percent	32%, 66%, 71%
CMY	0.6784, 0.3412, 0.2941
CMYK	0.54, 0.07, 0.00, 0.29
HSL	187°, 40%, 51%
HSV	187°, 54%, 71%
XYZ	25.7205, 33.0944, 48.2123
YIQ	143.6540, -55.1080, -14.5000

# Conversions

## Conversions Part 2

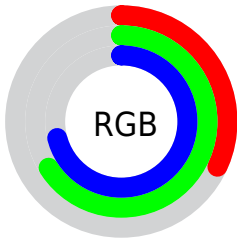
Format	Color
<a href="#">RYB</a>	<a href="#">82, 128, 180</a>
Decimal	<a href="#">5417140</a>
CIELab	<a href="#">64.24, -22.44, -14.10</a>
CIElCh	<a href="#">64, 26.504, 212.138</a>
Yxy	<a href="#">33.0944, 0.2403, 0.3092</a>
Android (android.graphics.Color)	<a href="#">4283607220 (0xFF52A8B4)</a>
YUV	<a href="#">143.6540, 17.9186, -54.0706</a>
Hunter-Lab	<a href="#">57.5277, -20.8665, -9.4198</a>

# Details

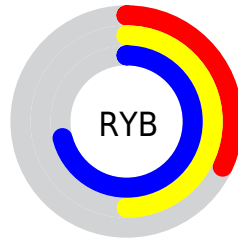
The Hex color **52A8B4** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B45E52**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **8BDFEC**, and **07747F** is the 20% darker color. If you saturate the color by 10%, you get **40A6B4**, and if you desaturate by 10%, it is **64AAB4**.

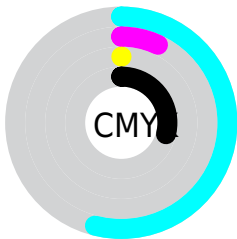
# Distribution



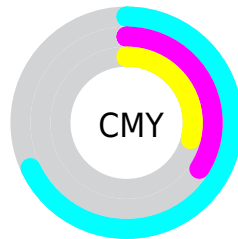
- Red (32%)
- Green (66%)
- Blue (71%)



- Red (32%)
- Yellow (50%)
- Blue (71%)



- Cyan (54%)
- Magenta (7%)
- Yellow (0%)
- Black (29%)



- Cyan (68%)
- Magenta (34%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52A8B4 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 52A8B4 by changing the saturation by 10% instead.



 52A8B4

 52A8B4

FFFFFF

 348D99

 8BDFEC

 07747F

 A8FCFF

 005B66

 C4FFFF

 00434E

 E2FFFF

 002C37

 001922

 00000A

 000000

 52A8B4

 52A8B4

40A6B4

64AAB4

2EA4B4

76ACB4

1CA1B4

88AFB4

0A9FB4

9AB1B4

009EB4

ACB3B4

BEB5B4

D0B7B4

E2BAB4

F4BCB4

# Harmonies

## Analogous

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



5DA99D



52A8B4



60A4C5

# Triad

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



52A8B4



BB8EB2



AB9B6C

# Complementary

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



52A8B4



B45E52

# 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.



BF9373



52A8B4



C98A9B

# Square

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



52A8B4



A195C4



CA8C84



92A273

# Rectangle

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



52A8B4



75A0CA



CA8C84



B2986D



# Sweetspot

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



52A8B4



C5E6EB



52B45D



5F7375



F5F5F5



757575



# Same Dimension

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



52A8B4



52D8EB



5278B4



505859



008699



00161A



# Inverse Universe

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



B452A8



EB52D8



B48E52



595058



990086

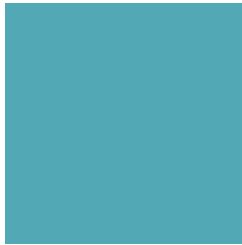


1A0016



# Previews

## White Background



This preview shows how the Hex color 52A8B4 looks on a white background.

## Color Contrast Check

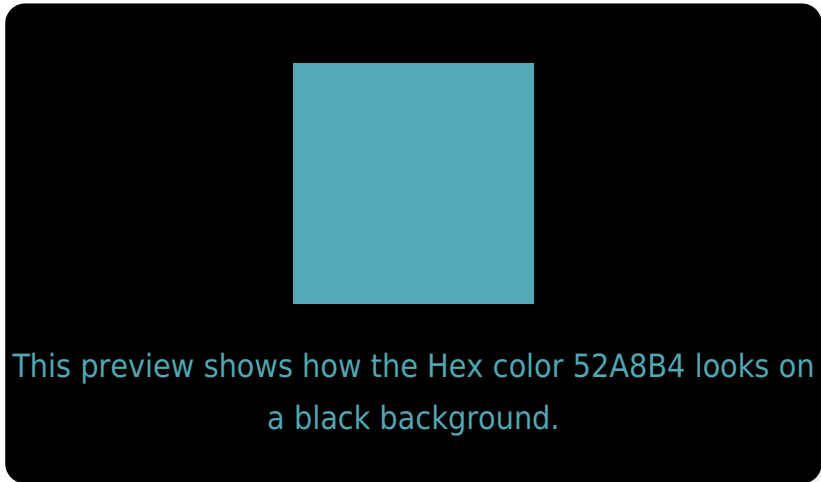
Large Text (above 18pt) WCAG AA × Fail

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

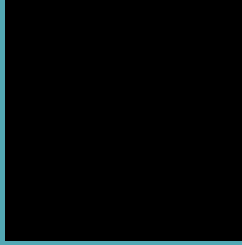
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 52A8B4 Background



This preview shows how black text looks on a background with the Hex color 52A8B4.

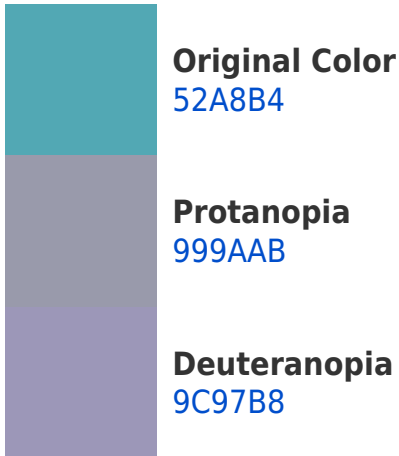


This preview shows how white text looks on a background with the Hex color 52A8B4.

# 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](#).

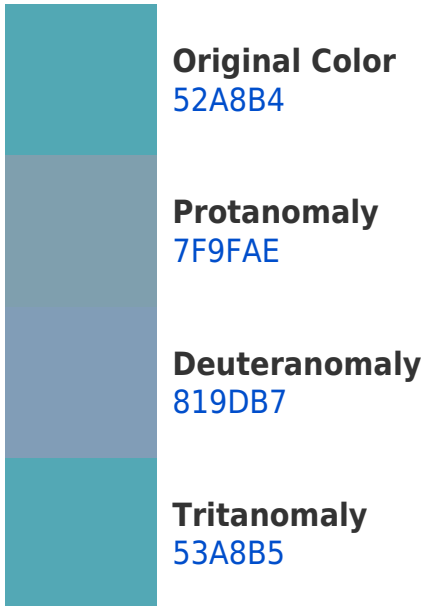
## Dichromacy



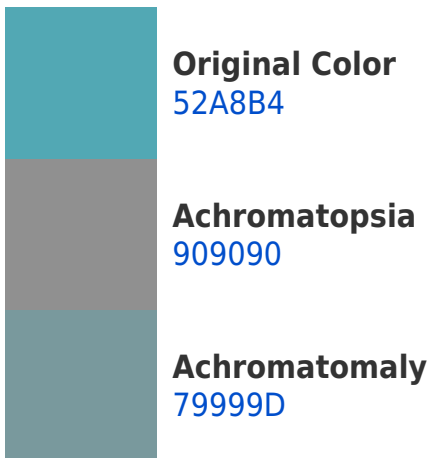


**Tritanopia**  
53A8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52A8B4 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 #52A8B4 looks like.

```
.text, #text, p{  
    color:#52A8B4  
}
```

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 #52A8B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52A8B4
}
```

## Border

The CSS property to change the border of an element to Hex 52A8B4 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
#52A8B4 }
```

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

```
.border{ border-color:#52A8B4 }
```

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

Here you see how a box with a 4 pixel #52A8B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52A8B4; -webkit-box-shadow:4px 4px  
4px 4px #52A8B4; box-shadow:4px 4px 4px  
4px #52A8B4 }
```

# Background

The CSS property to change the background color of an element to Hex 52A8B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52A8B4 }
```

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

```
.background{ background-color:#52A8B4 }
```

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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