

# Converting Colors

Hex(52A1C2)

Have a look what the booklet for  
Hex(52A1C2) contains.

|  |    |
|--|----|
| <b>Hex(52A1C2)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

Hex(52A1C2)

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 52A1C2                      |
| RGB         | 82, 161, 194                |
| RGB Percent | 32%, 63%, 76%               |
| CMY         | 0.6784, 0.3686, 0.2392      |
| CMYK        | 0.58, 0.17, 0.00, 0.24      |
| HSL         | 198°, 48%, 54%              |
| HSV         | 198°, 58%, 76%              |
| XYZ         | 25.9621, 31.1786, 55.6887   |
| YIQ         | 141.1410, -57.6770, -6.4850 |

# Conversions

## Conversions Part 2

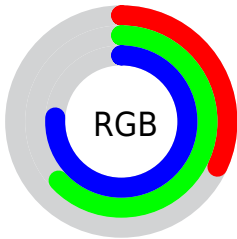
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">82, 128, 194</a>                    |
| Decimal                             | <a href="#">5415362</a>                         |
| CIELab                              | <a href="#">62.66, -14.63, -24.33</a>           |
| CIElCh                              | <a href="#">63, 28.384, 238.983</a>             |
| Yxy                                 | <a href="#">31.1786, 0.2301,<br/>0.2763</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4283605442<br/>(0xFF52A1C2)</a>     |
| YUV                                 | <a href="#">141.1410, 26.0595,<br/>-51.8667</a> |
| Hunter-Lab                          | <a href="#">55.8378, -14.7215,<br/>-20.0452</a> |

# Details

The Hex color **52A1C2** 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 **C27352**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **8CD8FB**, and **016D8C** is the 20% darker color. If you saturate the color by 10%, you get **3F9BC2**, and if you desaturate by 10%, it is **65A7C2**.

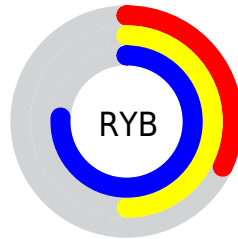
# Distribution



Red (32%)

Green (63%)

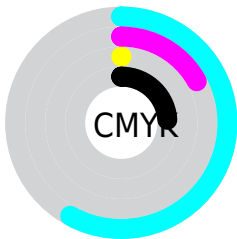
Blue (76%)



Red (32%)

Yellow (50%)

Blue (76%)

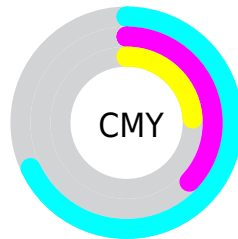


Cyan (58%)

Magenta (17%)

Yellow (0%)

Black (24%)



Cyan (68%)

Magenta (37%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52A1C2 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 52A1C2 by changing the saturation by 10% instead.



■ 52A1C2

■ 52A1C2

FFFFFF

■ 3387A7

■ 8CD8FB

■ 016D8C

■ A9F4FF

■ 005573

■ C6FFFF

■ 003E5A

■ E3FFFF

■ 002842

■ 00132C

■ 000117

■ 000000

■ 52A1C2

■ 52A1C2

■ 3F9BC2

■ 65A7C2

■ 2B96C2

■ 79ACC2

■ 1890C2

■ 8CB2C2

■ 048AC2

■ A0B8C2

■ 0089C2

■ B3BEC2

■ C6C3C2

■ DAC9C2

■ EDCFC2

■ FFD4C2

# Harmonies

## Analogous

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



45A5AF



52A1C2



759ACA

# Triad

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



52A1C2



C78599



8F9D6B

# Complementary

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



52A1C2



C27352

# 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.



AA9665



52A1C2



C98680

# Square

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



52A1C2



B789B2



BE8D6D



72A37D

# Rectangle

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



52A1C2



8E94C7



BE8D6D



999B67

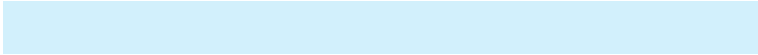


# Sweetspot

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



52A1C2



D2F0FC



52C272



667880



000000



808080



# Same Dimension

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



52A1C2



4EC9FC



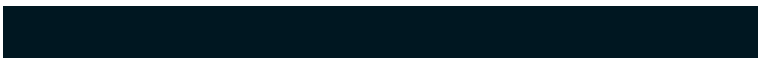
526AC2



575E61



0071A1



001721



# Inverse Universe

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



C252A1



FC4EC9



C2AA52



61575E



A10071



210017



# Previews

## White Background



This preview shows how the Hex color 52A1C2 looks on a white background.

## Color Contrast Check

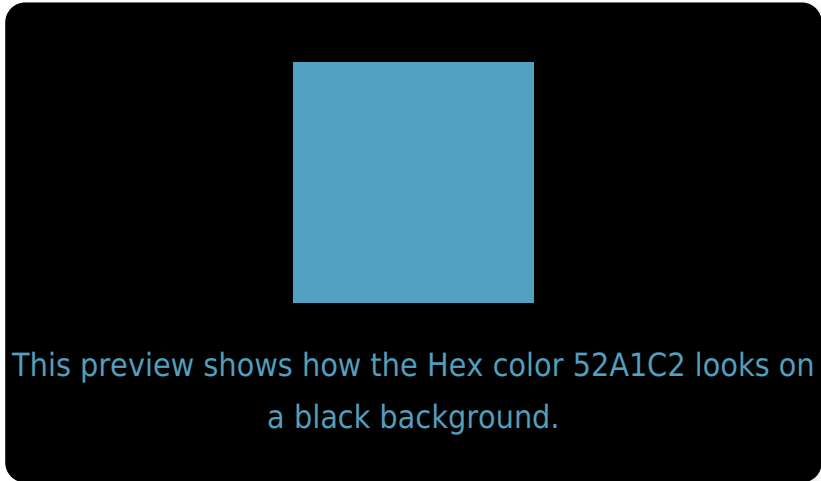
Large Text (above 18pt) WCAG AA × Fail

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

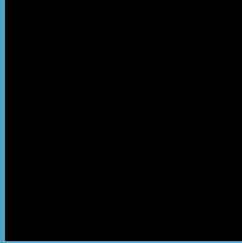
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 52A1C2 Background



This preview shows how black text looks on a background with the Hex color 52A1C2.

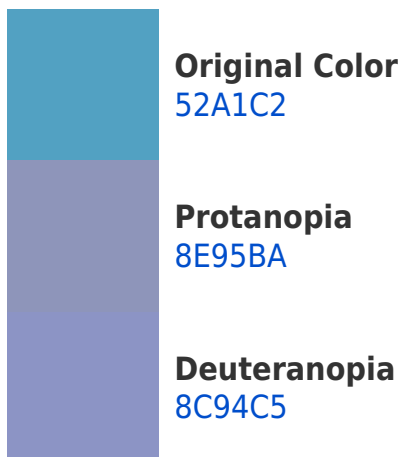


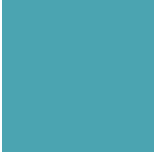
This preview shows how white text looks on a background with the Hex color 52A1C2.

# 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](#).

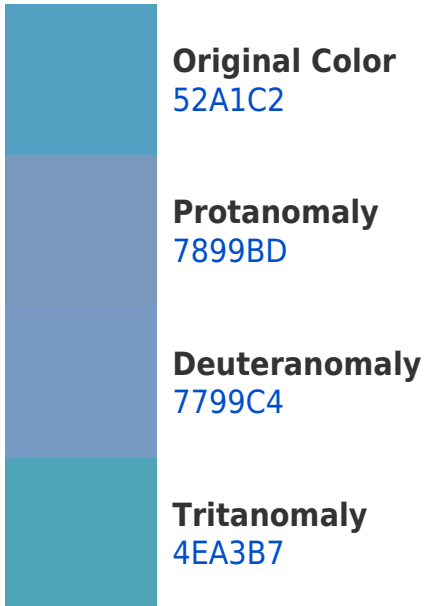
## Dichromacy



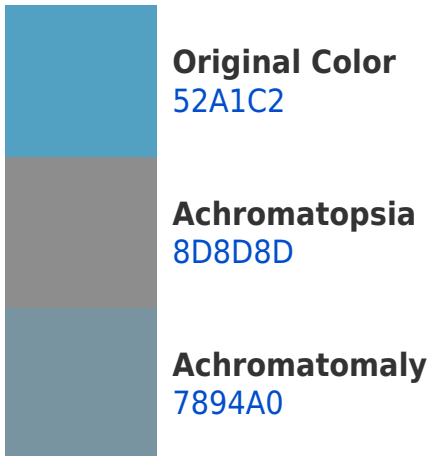


**Tritanopia**  
4BA4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52A1C2 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 #52A1C2 looks like.

```
.text, #text, p{  
  color:#52A1C2  
}
```

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 #52A1C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52A1C2
}
```

## Border

The CSS property to change the border of an element to Hex 52A1C2 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
#52A1C2 }
```

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

```
.border{ border-color:#52A1C2 }
```

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

Here you see how a box with a 4 pixel #52A1C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52A1C2; -webkit-box-shadow:4px 4px  
4px 4px #52A1C2; box-shadow:4px 4px 4px  
4px #52A1C2 }
```

# Background

The CSS property to change the background color of an element to Hex 52A1C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52A1C2 }
```

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

```
.background{ background-color:#52A1C2 }
```

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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