

Converting Colors

Hex(52B0D2)

Have a look what the booklet for
Hex(52B0D2) contains.

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Color

Hex(52B0D2)

Conversions

Conversions Part 1

Format	Color
Hex	52B0D2
RGB	82, 176, 210
RGB Percent	32%, 69%, 82%
CMY	0.6784, 0.3098, 0.1765
CMYK	0.61, 0.16, 0.00, 0.18
HSL	196°, 59%, 57%
HSV	196°, 61%, 82%
XYZ	30.6379, 37.4976, 66.5958
YIQ	151.7700, -66.9380, -9.3540

Conversions

Conversions Part 2

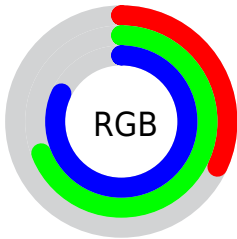
Format	Color
R_{YB}	82, 136, 210
Decimal	5419218
CIE _{Lab}	67.65, -17.73, -25.55
CIE _{LCh}	68, 31.095, 235.244
Yxy	37.4976, 0.2274, 0.2783
Android (android.graphics.Color)	4283609298 (0xFF52B0D2)
YUV	151.7700, 28.7074, -61.1883
Hunter-Lab	61.2353, -17.8529, -21.6154

Details

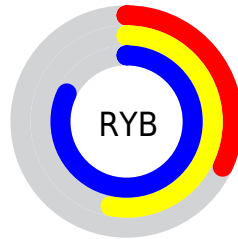
The Hex color **52B0D2** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **D27452**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **8EE8FF**, and **007B9B** is the 20% darker color. If you saturate the color by 10%, you get **3DAAD2**, and if you desaturate by 10%, it is **67B6D2**.

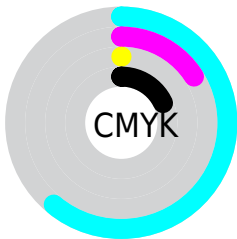
Distribution



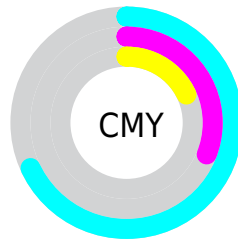
- Red (32%)
- Green (69%)
- Blue (82%)



- Red (32%)
- Yellow (53%)
- Blue (82%)



- Cyan (61%)
- Magenta (16%)
- Yellow (0%)
- Black (18%)



- Cyan (68%)
- Magenta (31%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52B0D2 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 52B0D2 by changing the saturation by 10% instead.

 52B0D2

 52B0D2


FFFFFF

 3095B6

 8EE8FF

 007B9B

 ACFFFF

 006281

 C9FFFF

 004A68

 E7FFFF

 003450

 001F39

 000223

 00000A

 000000

■ 52B0D2

■ 52B0D2

■ 3DAAD2

■ 67B6D2

■ 28A5D2

■ 7CBBD2

■ 139FD2

■ 91C1D2

■ 009AD2

■ A6C6D2

■ BBCCD2

■ D0D1D2

■ E5D7D2

■ FADDD2

■ FFE2D2

Harmonies

Analogous

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



47B4BC



52B0D2



78A9DC

Triad

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



52B0D2



D890AA



A0AA71

Complementary

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



52B0D2



D27452

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.



BCA16D



52B0D2



DC918E

Square

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



52B0D2



C496C5



D29878



7FB184

Rectangle

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



52B0D2



95A3DB



D29878



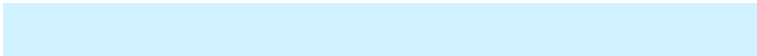
AAA86E

Sweetspot

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



52B0D2



D1F3FF



52D272



637880



000000



808080

Same Dimension

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



52B0D2



45CEFF



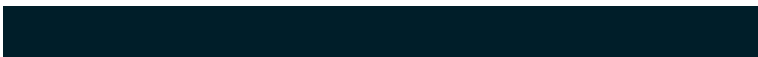
5272D2



5E6669



007CA8



001E29

Inverse Universe

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



D252B0



FF45CE



D2B252



695E66



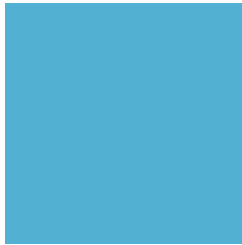
A8007C



29001E

Previews

White Background



This preview shows how the Hex color 52B0D2 looks on a white background.

Color Contrast Check

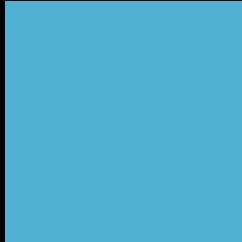
Large Text (above 18pt) WCAG AA × Fail

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 52B0D2 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 52B0D2 Background



This preview shows how black text looks on a background with the Hex color 52B0D2.

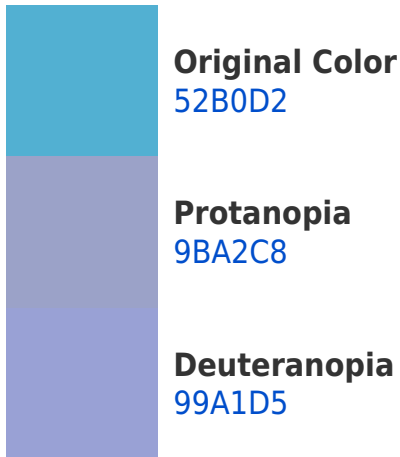


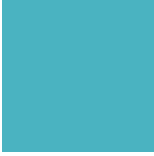
This preview shows how white text looks on a background with the Hex color 52B0D2.

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](#).

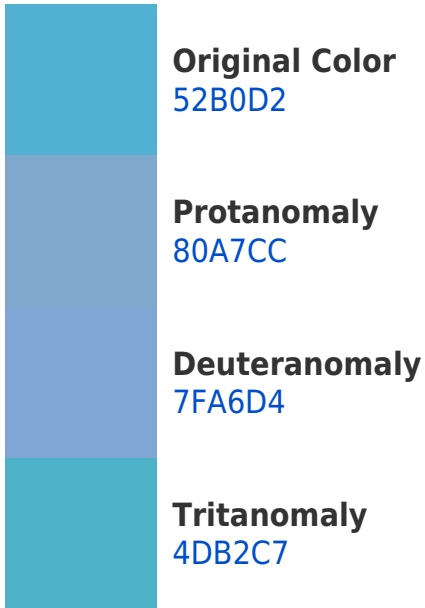
Dichromacy



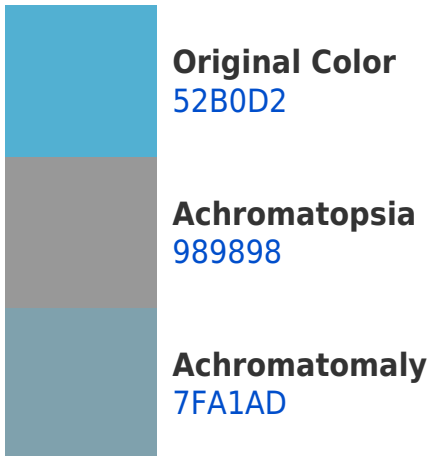


Tritanopia
4AB3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 52B0D2 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 #52B0D2 looks like.

```
.text, #text, p{  
    color:#52B0D2  
}
```

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 #52B0D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52B0D2
}
```

Border

The CSS property to change the border of an element to Hex 52B0D2 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
#52B0D2 }
```

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

```
.border{ border-color:#52B0D2 }
```

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

Here you see how a box with a 4 pixel #52B0D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52B0D2; -webkit-box-shadow:4px 4px  
4px 4px #52B0D2; box-shadow:4px 4px 4px  
4px #52B0D2 }
```

Background

The CSS property to change the background color of an element to Hex 52B0D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52B0D2 }
```

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

```
.background{ background-color:#52B0D2 }
```

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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