

# Converting Colors

Hex(52BCD6)

Have a look what the booklet for  
Hex(52BCD6) contains.

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# **Color**

**Hex(52BCD6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52BCD6
RGB	82, 188, 214
RGB Percent	32%, 74%, 84%
CMY	0.6784, 0.2627, 0.1608
CMYK	0.62, 0.12, 0.00, 0.16
HSL	192°, 62%, 58%
HSV	192°, 62%, 84%
XYZ	33.6005, 42.6153, 70.0730
YIQ	159.2700, -71.5220, -14.3860

# Conversions

## Conversions Part 2

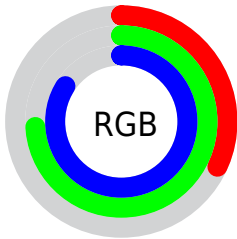
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 141, 214
Decimal	5422294
CIE <sub>Lab</sub>	71.29, -22.72, -22.17
CIE <sub>LCh</sub>	71, 31.746, 224.293
Yxy	42.6153, 0.2297, 0.2913
Android (android.graphics.Color)	4283612374 (0xFF52BCD6)
YUV	159.2700, 26.9819, -67.7658
Hunter-Lab	65.2804, -22.3649, -17.9465

# Details

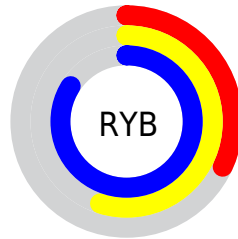
The Hex color **52BCD6** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **D66C52**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **8FF4FF**, and **00879F** is the 20% darker color. If you saturate the color by 10%, you get **3DB8D6**, and if you desaturate by 10%, it is **67C0D6**.

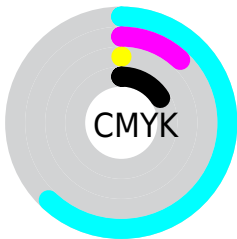
# Distribution



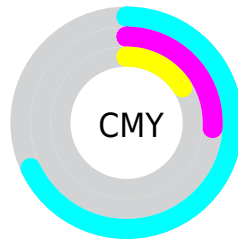
- Red (32%)
- Green (74%)
- Blue (84%)



- Red (32%)
- Yellow (55%)
- Blue (84%)



- Cyan (62%)
- Magenta (12%)
- Yellow (0%)
- Black (16%)



- Cyan (68%)
- Magenta (26%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52BCD6 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 52BCD6 by changing the saturation by 10% instead.



 52BCD6

 52BCD6

FFFFFF

 2EA1BA

 8FF4FF

 00879F

 ADFFFF

 006D85

 CBFFFF

 00546C

 E9FFFF

 003D53

 00273C

 000B27

 000110

 000000

■ 52BCD6

■ 52BCD6

■ 3DB8D6

■ 67C0D6

■ 27B4D6

■ 7DC4D6

■ 12AFD6

■ 92C9D6

■ 00ACD6

■ A8CDD6

■ BDD1D6

■ D2D5D6

■ E8DAD6

■ FDDED6

■ FFE2D6

# Harmonies

## Analogous

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



55BFBC



52BCD6



72B6E6

# Triad

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



52BCD6



DE9BBF



B5B176

# Complementary

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



52BCD6



D66C52

# 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.



D0A877



52BCD6



E899A2

# Square

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



52BCD6



C4A2D8



E39E87



94B984

# Rectangle

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



52BCD6



8EB0E8



E39E87



BFAE75

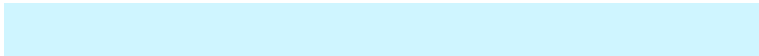


# Sweetspot

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



52BCD6



CFF5FF



52D66A



627A80



000000



808080



# Same Dimension

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



52BCD6



42DAFF



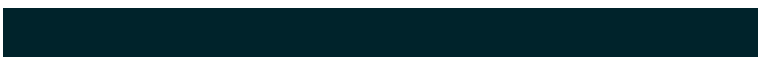
527CD6



60696B



0089AB



00232B



# Inverse Universe

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



D652BC



FF42DA



D6AC52



6B6069



AB0089

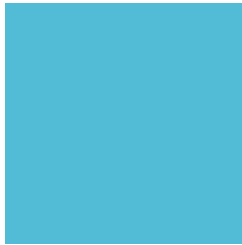


2B0023



# Previews

## White Background



This preview shows how the Hex color 52BCD6 looks on a white background.

## Color Contrast Check

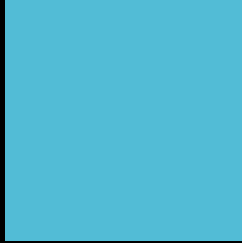
Large Text (above 18pt) WCAG AA × Fail

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 52BCD6 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 52BCD6 Background



This preview shows how black text looks on a background with the Hex color 52BCD6.

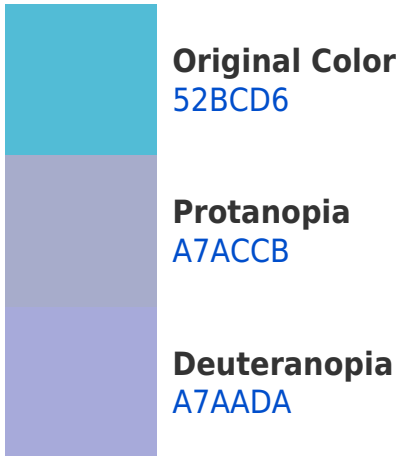


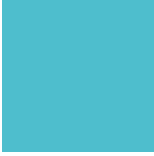
This preview shows how white text looks on a background with the Hex color 52BCD6.

# 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](#).

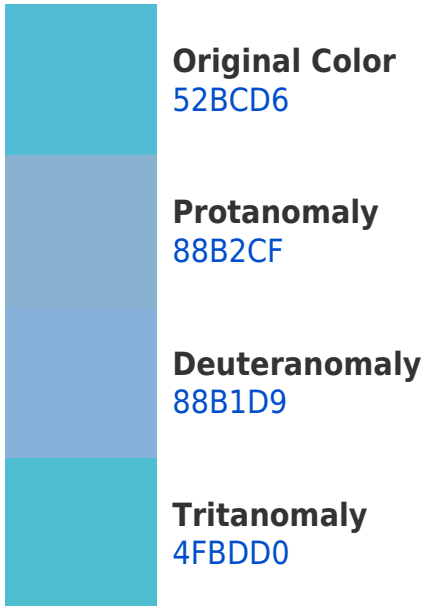
## Dichromacy



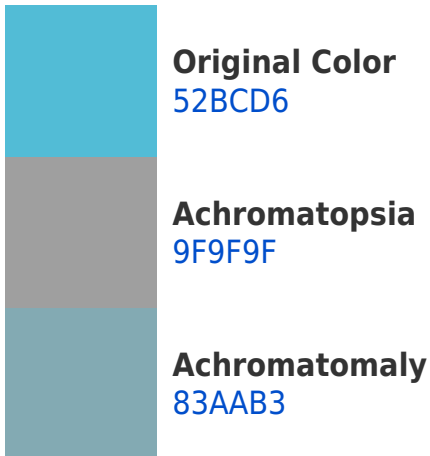


**Tritanopia**  
4EBECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52BCD6 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 #52BCD6 looks like.

```
.text, #text, p{  
    color:#52BCD6  
}
```

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 #52BCD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52BCD6
}
```

## Border

The CSS property to change the border of an element to Hex 52BCD6 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
#52BCD6 }
```

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

```
.border{ border-color:#52BCD6 }
```

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

Here you see how a box with a 4 pixel #52BCD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52BCD6; -webkit-box-shadow:4px 4px  
4px 4px #52BCD6; box-shadow:4px 4px 4px  
4px #52BCD6 }
```

# Background

The CSS property to change the background color of an element to Hex 52BCD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52BCD6 }
```

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

```
.background{ background-color:#52BCD6 }
```

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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