

# Converting Colors

Hex(52B7DE)

Have a look what the booklet for  
Hex(52B7DE) contains.

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# **Color**

**Hex(52B7DE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52B7DE
RGB	82, 183, 222
RGB Percent	32%, 72%, 87%
CMY	0.6784, 0.2824, 0.1294
CMYK	0.63, 0.18, 0.00, 0.13
HSL	197°, 68%, 60%
HSV	197°, 63%, 87%
XYZ	33.5980, 40.9347, 75.2376
YIQ	157.2470, -72.7150, -9.2830

# Conversions

## Conversions Part 2

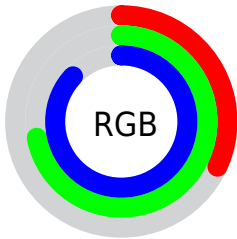
Format	Color
R <sub>Y</sub> B	82, 141, 222
Decimal	5421022
CIE Lab	70.13, -17.72, -28.32
CIE LCh	70, 33.403, 237.963
Yxy	40.9347, 0.2243, 0.2733
Android (android.graphics.Color)	4283611102 (0xFF52B7DE)
YUV	157.2470, 31.9232, -65.9916
Hunter-Lab	63.9803, -18.2297, -24.9359

# Details

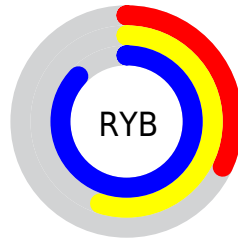
The Hex color **52B7DE** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **DE7952**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **90EFFF**, and **0082A7** is the 20% darker color. If you saturate the color by 10%, you get **3CB1DE**, and if you desaturate by 10%, it is **68BDDE**.

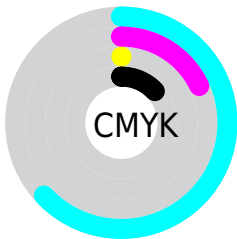
# Distribution



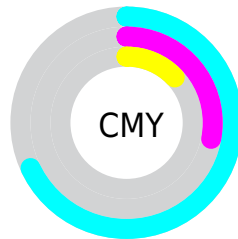
- Red (32%)
- Green (72%)
- Blue (87%)



- Red (32%)
- Yellow (55%)
- Blue (87%)



- Cyan (63%)
- Magenta (18%)
- Yellow (0%)
- Black (13%)



- Cyan (68%)
- Magenta (28%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52B7DE 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 52B7DE by changing the saturation by 10% instead.



 52B7DE

 52B7DE

FFFFFF

 2E9CC2

 90EFFF

 0082A7

 AEFFFF

 00698C

 CCFFFF

 005173

 EAFFFF

 00395A

 002442

 00042C

 000117

 000000

■ 52B7DE

■ 52B7DE

■ 3CB1DE

■ 68BDDE

■ 26ABDE

■ 7EC3DE

■ 0FA4DE

■ 95CADE

■ 00A0DE

■ ABD0DE

■ C1D6DE

■ D7DCDE

■ EDE2DE

■ FFE8DE

■ FFEFDE

# Harmonies

## Analogous

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



42BBC7



52B7DE



7FAFE8

# Triad

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



52B7DE



E495AF



A3B275

# Complementary

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



52B7DE



DE7952

# 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.



C2A96F



52B7DE



E79690

# Square

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



52B7DE



D09ACC



DA9E79



7FB98A

# Rectangle

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



52B7DE



9EA8E5



DA9E79



AEAF71

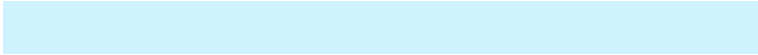


# Sweetspot

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



52B7DE



CFF2FF



52DE77



627780



000000



808080



# Same Dimension

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



52B7DE



3DC9FF



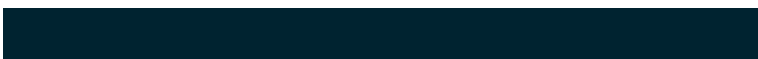
5273DE



656D70



007FB0



002330



# Inverse Universe

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



DE52B7



FF3DC9



DEBD52



70656D



B0007F

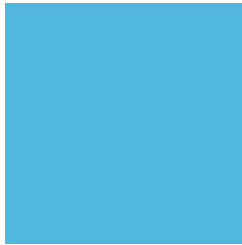


300023



# Previews

## White Background



This preview shows how the Hex color 52B7DE looks on a white background.

## Color Contrast Check

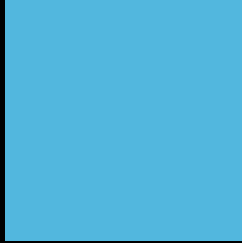
Large Text (above 18pt) WCAG AA × Fail

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 52B7DE 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 52B7DE Background



This preview shows how black text looks on a background with the Hex color 52B7DE.



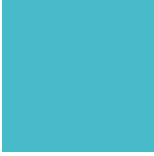
This preview shows how white text looks on a background with the Hex color 52B7DE.

# 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](#).

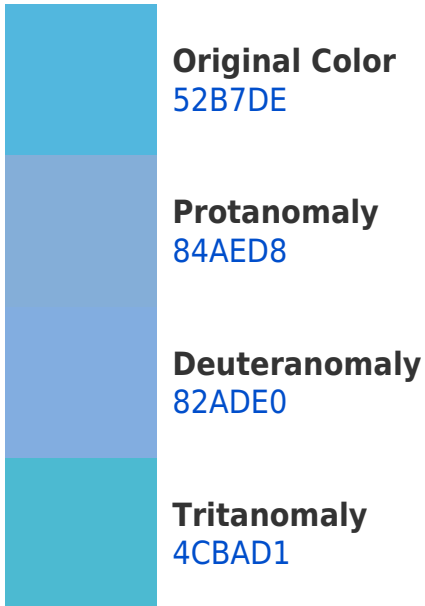
## Dichromacy



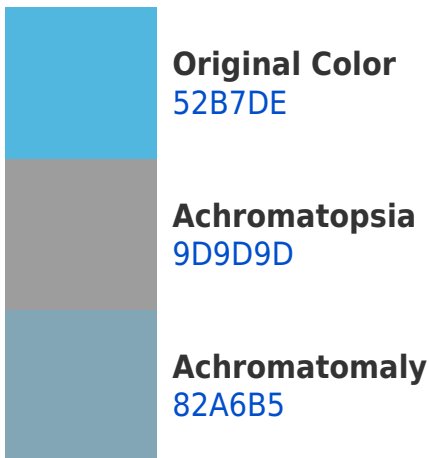


**Tritanopia**  
48BBCA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52B7DE 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 #52B7DE looks like.

```
.text, #text, p{  
    color:#52B7DE  
}
```

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 #52B7DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52B7DE  
}
```

## Border

The CSS property to change the border of an element to Hex 52B7DE 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  
#52B7DE }
```

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

```
.border{ border-color:#52B7DE }
```

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

Here you see how a box with a 4 pixel #52B7DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52B7DE; -webkit-box-shadow:4px 4px  
4px 4px #52B7DE; box-shadow:4px 4px 4px  
4px #52B7DE }
```

# Background

The CSS property to change the background color of an element to Hex 52B7DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52B7DE }
```

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

```
.background{ background-color:#52B7DE }
```

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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