

Converting Colors

Hex(54BFD6)

Have a look what the booklet for
Hex(54BFD6) contains.

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Color

Hex(54BFD6)

Conversions

Conversions Part 1

Format	Color
Hex	54BFD6
RGB	84, 191, 214
RGB Percent	33%, 75%, 84%
CMY	0.6706, 0.2510, 0.1608
CMYK	0.61, 0.11, 0.00, 0.16
HSL	191°, 61%, 58%
HSV	191°, 61%, 84%
XYZ	34.4246, 44.0015, 70.2971
YIQ	161.6290, -71.1550, -15.5310

Conversions

Conversions Part 2

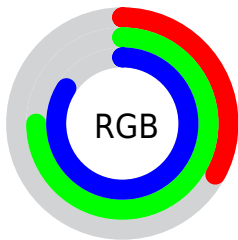
Format	Color
RYB	84, 143, 214
Decimal	5554134
CIELab	72.23, -23.89, -20.74
CIELCh	72, 31.637, 220.958
Yxy	44.0015, 0.2315, 0.2959
Android (android.graphics.Color)	4283744214 (0xFF54BFD6)
YUV	161.6290, 25.8189, -68.0806
Hunter-Lab	66.3336, -23.4492, -16.3991

Details

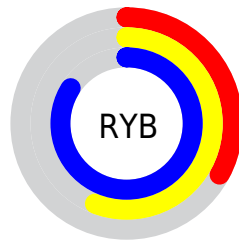
The Hex color **54BFD6** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **D66B54**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **91F8FF**, and **00899F** is the 20% darker color. If you saturate the color by 10%, you get **3FBBD6**, and if you desaturate by 10%, it is **69C3D6**.

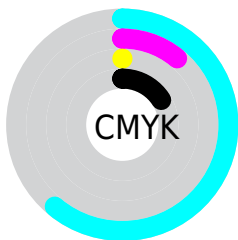
Distribution



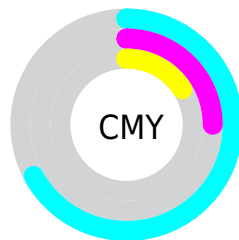
- Red (33%)
- Green (75%)
- Blue (84%)



- Red (33%)
- Yellow (56%)
- Blue (84%)



- Cyan (61%)
- Magenta (11%)
- Yellow (0%)
- Black (16%)



- Cyan (67%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 54BFD6 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 54BFD6 by changing the saturation by 10% instead.

 54BFD6

 54BFD6

FFFFFF

 31A4BA

 91F8FF

 00899F

 AFFFFFFF

 007085

 CDFFFF

 00576C

 EBFFFF

 003F53

 00293C

 001127

 000111

 000000

 54BFD6

 54BFD6

 3FBBD6

 69C3D6

 29B7D6

 7FC7D6

 14B4D6

 94CAD6

 00B0D6

 AACED6

 BFD2D6

 D4D6D6

 EADAD6

 FFDDD6

 FFE1D6

Harmonies

Analogous

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



5BC1BB



54BFD6



70B9E7

Triad

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



54BFD6



DE9EC5



BBB378

Complementary

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



54BFD6



D66B54

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.



D5A97B



54BFD6



EB9CA7

Square

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



54BFD6



C3A6DD



E7A08D



9BBB85

Rectangle

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



54BFD6



8CB3EA



E7A08D



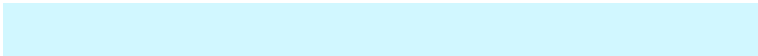
C4B077

Sweetspot

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



54BFD6



D1F7FF



54D66A



637B80



000000



808080

Same Dimension

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



54BFD6



45DEFF



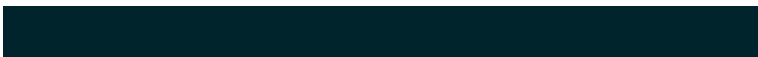
547FD6



60696B



008DAB



00242B

Inverse Universe

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



D654BF



FF45DE



D6AB54



6B6069



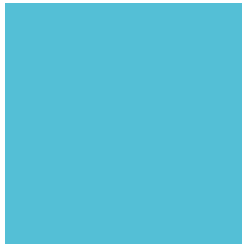
AB008D



2B0024

Previews

White Background



This preview shows how the Hex color 54BFD6 looks on a white background.

Color Contrast Check

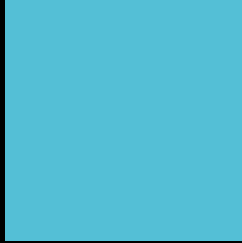
Large Text (above 18pt) WCAG AA × Fail

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 54BFD6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

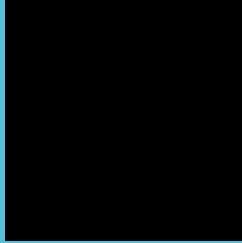
Any Text WCAG AA ✓ Pass

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 54BFD6 Background



This preview shows how black text looks on a background with the Hex color 54BFD6.

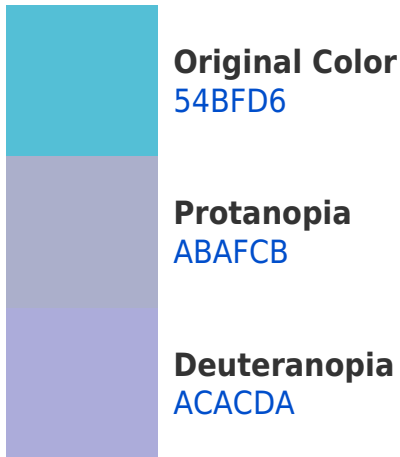


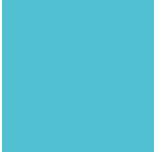
This preview shows how white text looks on a background with the Hex color 54BFD6.

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](#).

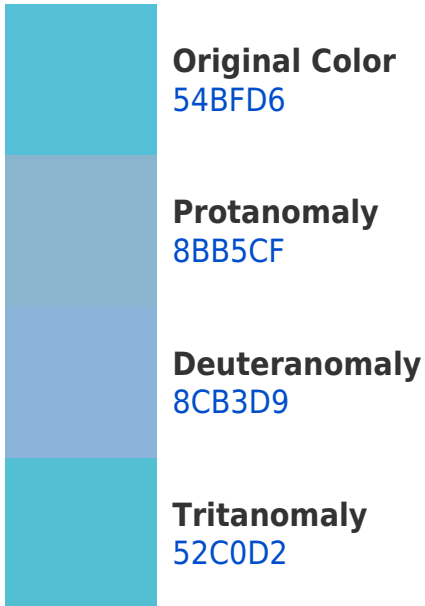
Dichromacy



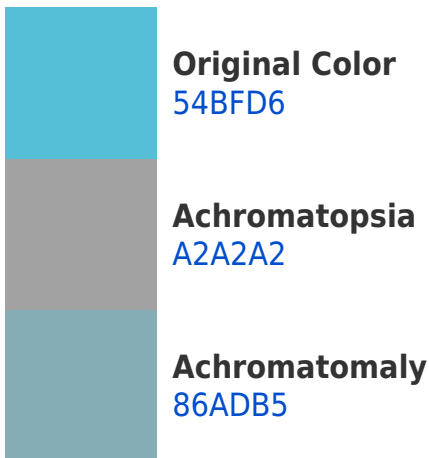


Tritanopia
51C0D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 54BFD6 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 #54BFD6 looks like.

```
.text, #text, p{  
    color:#54BFD6  
}
```

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 #54BFD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54BFD6
}
```

Border

The CSS property to change the border of an element to Hex 54BFD6 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
#54BFD6 }
```

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

```
.border{ border-color:#54BFD6 }
```

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

Here you see how a box with a 4 pixel #54BFD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54BFD6; -webkit-box-shadow:4px 4px  
4px 4px #54BFD6; box-shadow:4px 4px 4px  
4px #54BFD6 }
```

Background

The CSS property to change the background color of an element to Hex 54BFD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54BFD6 }
```

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

```
.background{ background-color:#54BFD6 }
```

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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