

Converting Colors

Hex(54FBD8)

Have a look what the booklet for
Hex(54FBD8) contains.

Hex(54FBD8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(54FBD8)

Conversions

Conversions Part 1

Format	Color
Hex	54FBD8
RGB	84, 251, 216
RGB Percent	33%, 98%, 85%
CMY	0.6706, 0.0157, 0.1529
CMYK	0.67, 0.00, 0.14, 0.02
HSL	167°, 95%, 66%
HSV	167°, 67%, 98%
XYZ	50.5480, 75.8370, 76.9396
YIQ	197.0770, -88.2970, -46.2890

Conversions

Conversions Part 2

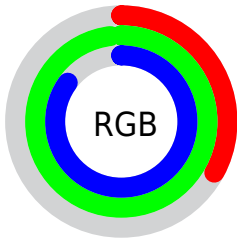
Format	Color
RYB	84, 177, 251
Decimal	5569496
CIELab	89.78, -50.87, 4.25
CIELCh	90, 51.044, 175.228
Yxy	75.8370, 0.2486, 0.3730
Android (android.graphics.Color)	4283759576 (0xFF54FBD8)
YUV	197.0770, 9.3290, -99.1685
Hunter-Lab	87.0845, -48.7878, 8.5761

Details

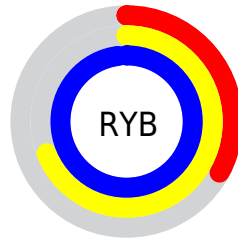
The Hex color **54FBD8** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **FB5477**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **97FFFF**, and **00C2A1** is the 20% darker color. If you saturate the color by 10%, you get **3BFBD3**, and if you desaturate by 10%, it is **6DFBDD**.

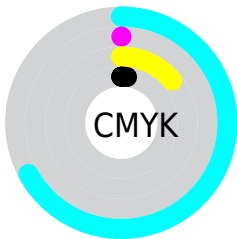
Distribution



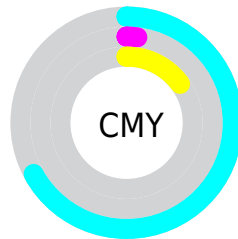
- Red (33%)
- Green (98%)
- Blue (85%)



- Red (33%)
- Yellow (69%)
- Blue (98%)



- Cyan (67%)
- Magenta (0%)
- Yellow (14%)
- Black (2%)



- Cyan (67%)
- Magenta (2%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 54FBD8 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 54FBD8 by changing the saturation by 10% instead.

 54FBD8

 54FBD8

FFFFFF

 27DEBC

 97FFFF

 00C2A1

 B7FFFF

 00A687

 D6FFFF

 008B6E

 F5FFFF

 007056

 00573E

 003E29

 002814

 000000

 54FBD8

 54FBD8

 3BFBD3

 6DFBDD

 22FBCD

 86FBE3

 09FBC8

 9FFBE8

 00FBC6

 B8FBED

 D1FBF2

 EBFBF8

 FFFBFD

 FFFBFF

Harmonies

Analogous

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



9DF6A8



54FBD8



00FBFF

Triad

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



54FBD8



DBD8FF



FFCB93

Complementary

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



54FBD8



FB5477

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.



FFBEBB



54FBD8



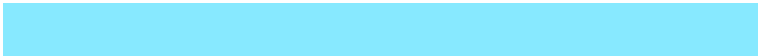
FFC6FF

Square

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



54FBD8



87E9FF



FFBCEC



FFDC7F

Rectangle

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



54FBD8



00F8FF



FFBCEC



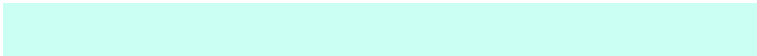
FFC69F

Sweetspot

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



54FBD8



CCFFF4



78FB54



618079



000000



808080

Same Dimension

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



54FBD8



33FFD4



54CCFB



707D7A



00BD95



003D30

Inverse Universe

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



FB5477



FF335E



FB8354



7D7073



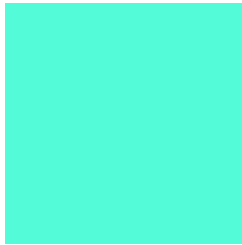
BD0028



3D000D

Previews

White Background



This preview shows how the Hex color 54FBD8 looks on a white background.

Color Contrast Check

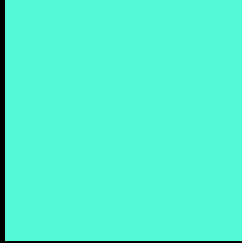
Large Text (above 18pt) WCAG AA × Fail

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 54FBD8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

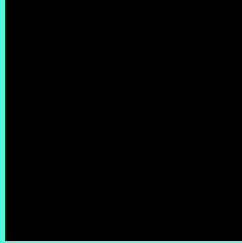
Any Text WCAG AA ✓ Pass

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 54FBD8 Background



This preview shows how black text looks on a background with the Hex color 54FBD8.

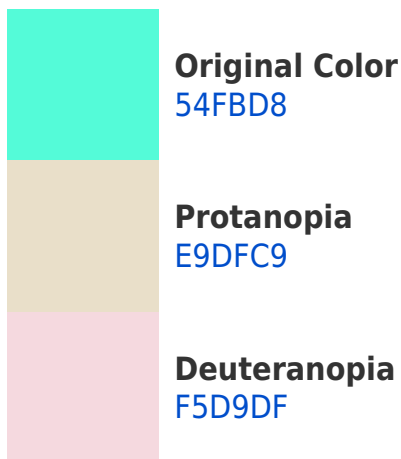


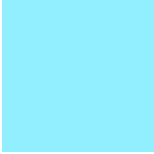
This preview shows how white text looks on a background with the Hex color 54FBD8.

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
91EFFF

Trichromacy



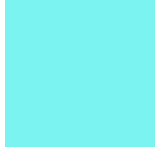
Original Color
54FBD8



Protanomaly
B3E9CE



Deuteranomaly
BAE5DC

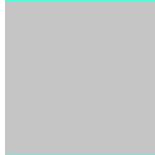


Tritanomaly
7BF3F1

Monochromacy



Original Color
54FBD8



Achromatopsia
C5C5C5



Achromatomaly
9CD9CC

CSS Examples

Text

The CSS property to change the color of the text to Hex 54FBD8 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 #54FBD8 looks like.

```
.text, #text, p{  
    color:#54FBD8  
}
```

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 #54FBD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54FBD8
}
```

Border

The CSS property to change the border of an element to Hex 54FBD8 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
#54FBD8 }
```

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

```
.border{ border-color:#54FBD8 }
```

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

Here you see how a box with a 4 pixel #54FBD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54FBD8; -webkit-box-shadow:4px 4px  
4px 4px #54FBD8; box-shadow:4px 4px 4px  
4px #54FBD8 }
```

Background

The CSS property to change the background color of an element to Hex 54FBD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54FBD8 }
```

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

```
.background{ background-color:#54FBD8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor