

# Converting Colors

Hex(58CBE8)

Have a look what the booklet for  
Hex(58CBE8) contains.

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# Color

**Hex(58CBE8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	58CBE8
RGB	88, 203, 232
RGB Percent	35%, 80%, 91%
CMY	0.6549, 0.2039, 0.0902
CMYK	0.62, 0.13, 0.00, 0.09
HSL	192°, 76%, 63%
HSV	192°, 62%, 91%
XYZ	39.9459, 50.6128, 84.0078
YIQ	171.9210, -77.8490, -15.3610

# Conversions

## Conversions Part 2

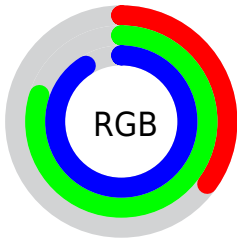
Format	Color
<a href="#">RYB</a>	<a href="#">88, 152, 232</a>
Decimal	<a href="#">5819368</a>
CIELab	<a href="#">76.44, -23.94, -24.05</a>
CIELCh	<a href="#">76, 33.933, 225.131</a>
Yxy	<a href="#">50.6128, 0.2288, 0.2899</a>
Android (android.graphics.Color)	<a href="#">4284009448 (0xFF58CBE8)</a>
YUV	<a href="#">171.9210, 29.6189, -73.5987</a>
Hunter-Lab	<a href="#">71.1427, -24.2736, -20.2119</a>

# Details

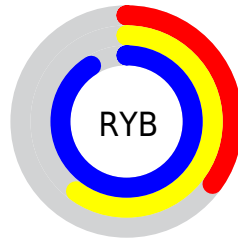
The Hex color **58CBE8** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **E87558**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **97FFFF**, and **0095B0** is the 20% darker color. If you saturate the color by 10%, you get **41C6E8**, and if you desaturate by 10%, it is **6FD0E8**.

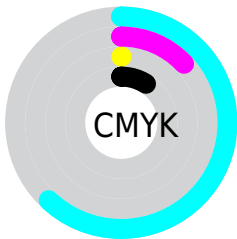
# Distribution



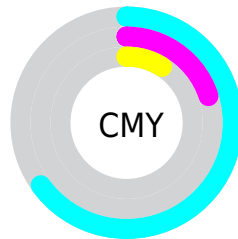
- Red (35%)
- Green (80%)
- Blue (91%)



- Red (35%)
- Yellow (60%)
- Blue (91%)



- Cyan (62%)
- Magenta (13%)
- Yellow (0%)
- Black (9%)



- Cyan (65%)
- Magenta (20%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 58CBE8 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 58CBE8 by changing the saturation by 10% instead.



 58CBE8

 58CBE8

FFFFFF

 33AFCC

 97FFFF

 0095B0

 B5FFFF

 007B96

 D3FFFF

 00627C

 F2FFFF

 004963

 00324B

 001F34

 00021F

 000002

■ 58CBE8

■ 58CBE8

■ 41C6E8

■ 6FD0E8

■ 2AC2E8

■ 86D4E8

■ 12BDE8

■ 9ED9E8

■ 00B9E8

■ B5DEE8

■ CCE2E8

■ E3E7E8

■ FAECE8

■ FFF0E8

■ FFF5E8

# Harmonies

## Analogous

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



5BCECC



58CBE8



7BC4F8

# Triad

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



58CBE8



F1A7CE



C2C07F

# Complementary

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



58CBE8



E87558

# 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.



E0B580



58CBE8



FBA5AE

# Square

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



58CBE8



D5AFE9



F5AB91



9FC88F

# Rectangle

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



58CBE8



9BBEFB



F5AB91



CDBC7E

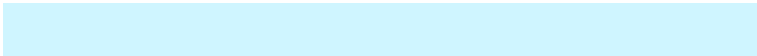


# Sweetspot

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



58CBE8



CFF5FF



58E875



627A80



000000



808080



# Same Dimension

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



58CBE8



42D9FF



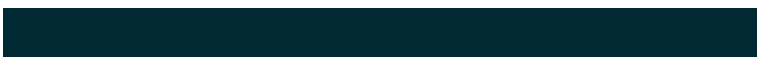
5883E8



677073



008FB3



002933



# Inverse Universe

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



E858CB



FF42D9



E8BD58



736770



B3008F

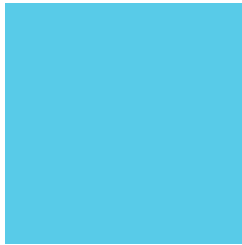


330029



# Previews

## White Background



This preview shows how the Hex color 58CBE8 looks on a white background.

## Color Contrast Check

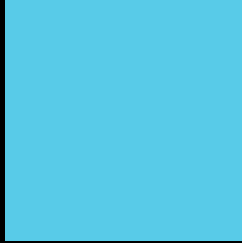
Large Text (above 18pt) WCAG AA × Fail

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 58CBE8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

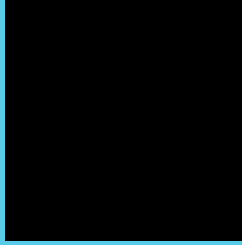
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 58CBE8 Background



This preview shows how black text looks on a background with the Hex color 58CBE8.



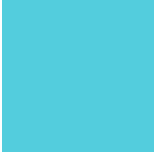
This preview shows how white text looks on a background with the Hex color 58CBE8.

# 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](#).

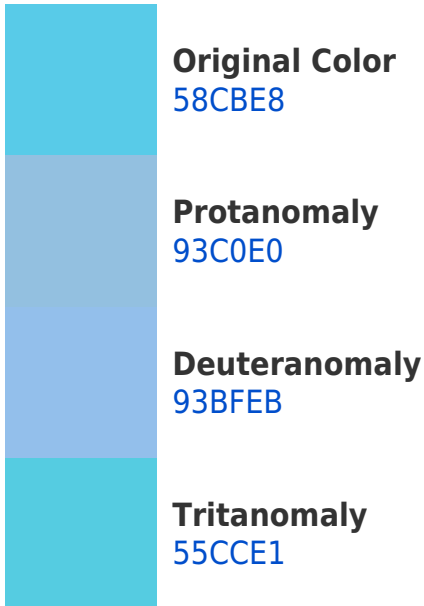
## Dichromacy



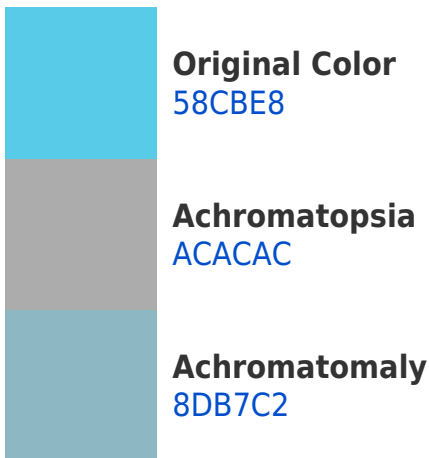


**Tritanopia**  
53CDDD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 58CBE8 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 #58CBE8 looks like.

```
.text, #text, p{  
    color:#58CBE8  
}
```

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 #58CBE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58CBE8  
}
```

## Border

The CSS property to change the border of an element to Hex 58CBE8 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  
#58CBE8 }
```

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

```
.border{ border-color:#58CBE8 }
```

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

Here you see how a box with a 4 pixel #58CBE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58CBE8; -webkit-box-shadow:4px 4px  
4px 4px #58CBE8; box-shadow:4px 4px 4px  
4px #58CBE8 }
```

# Background

The CSS property to change the background color of an element to Hex 58CBE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58CBE8 }
```

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

```
.background{ background-color:#58CBE8 }
```

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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