

Converting Colors

Hex(58BEEE)

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

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Color

Hex(58BEEE)

Conversions

Conversions Part 1

Format	Color
Hex	58BEEE
RGB	88, 190, 238
RGB Percent	35%, 75%, 93%
CMY	0.6549, 0.2549, 0.0667
CMYK	0.63, 0.20, 0.00, 0.07
HSL	199°, 82%, 64%
HSV	199°, 63%, 93%
XYZ	37.8706, 45.0747, 87.5932
YIQ	164.9740, -76.2000, -6.6960

Conversions

Conversions Part 2

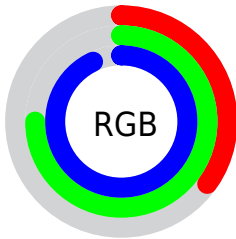
Format	Color
R _Y B	88, 149, 238
Decimal	5816046
CIE Lab	72.94, -15.44, -32.66
CIE LCh	73, 36.129, 244.695
Yxy	45.0747, 0.2221, 0.2643
Android (android.graphics.Color)	4284006126 (0xFF58BEEE)
YUV	164.9740, 36.0018, -67.5062
Hunter-Lab	67.1377, -16.8038, -30.3581

Details

The Hex color **58BEEE** 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 **EE8858**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **96F6FF**, and **0089B6** is the 20% darker color. If you saturate the color by 10%, you get **40B6EE**, and if you desaturate by 10%, it is **70C6EE**.

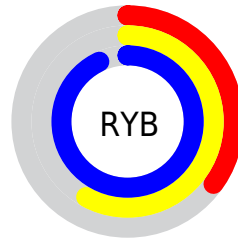
Distribution



Red (35%)

Green (75%)

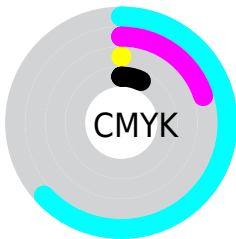
Blue (93%)



Red (35%)

Yellow (58%)

Blue (93%)

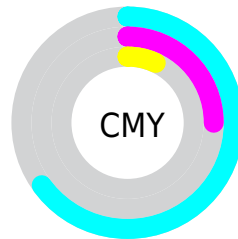


Cyan (63%)

Magenta (20%)

Yellow (0%)

Black (7%)



Cyan (65%)

Magenta (25%)

Yellow (7%)

Brightness & Saturation Gradients

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

 58BEEE

 58BEEE

FFFFFF

 34A3D2

 96F6FF

 0089B6

 B5FFFF

 006F9B

 D3FFFF


 005781

 F1FFFF

 004067

 002A4F

 001538

 000222

 000008

■ 58BEEE

■ 58BEEE

■ 40B6EE

■ 70C6EE

■ 28AFEE

■ 88CDEE

■ 11A7EE

■ 9FD5EE

■ 00A2EE

■ B7DCEE

■ CFE4EE

■ E7ECEE

■ FFF3EE

■ FFFBEE

■ FFFFEE

Harmonies

Analogous

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



38C4D8



58BEEE



8DB4F5

Triad

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



58BEEE



F39AAF



A1BC7C

Complementary

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



58BEE6



EE8858

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.



C4B371



58BEEE



F29D8F

Square

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



58BEEE



E19ED0



E1A778



79C296

Rectangle

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



58BEEE



AFADF



E1A778



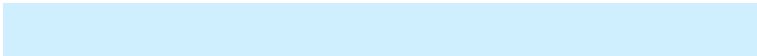
ADB976

Sweetspot

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



58BEEE



CFEFFF



58EE88



627680



000000



808080

Same Dimension

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



58BEEE



3DC1FF



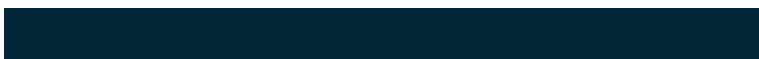
5874EE



6C7478



007DB8



002638

Inverse Universe

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



EE58BE



FF3DC1



EED258



786C74



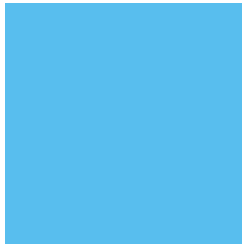
B8007D



380026

Previews

White Background



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

Color Contrast Check

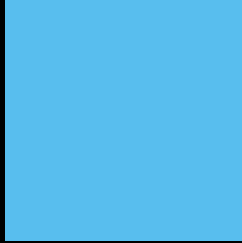
Large Text (above 18pt) WCAG AA × Fail

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 58BEEE 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

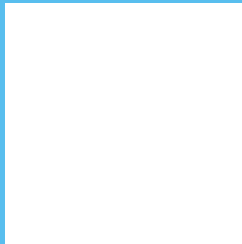
Any Text WCAG AAA ✓ Pass

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

Hex 58BEEE Background



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

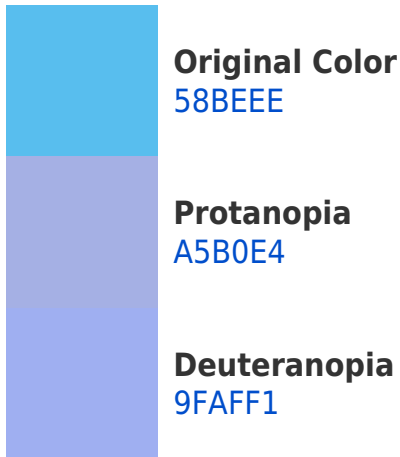


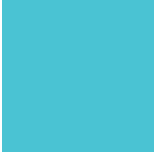
This preview shows how white text looks on a background with the Hex color 58BEEE.

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](#).

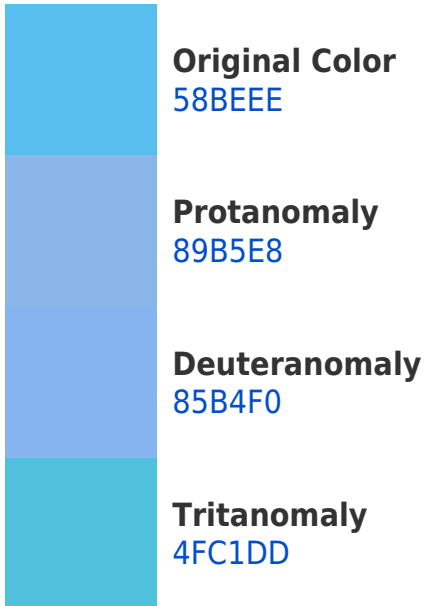
Dichromacy



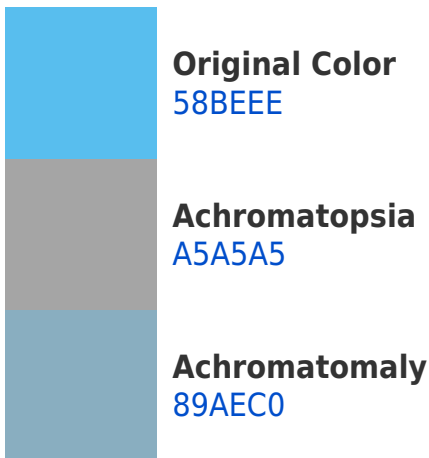


Tritanopia
4AC3D3

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #58BEEE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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