

Converting Colors

Hex(55BBEE)

Have a look what the booklet for
Hex(55BBEE) contains.

Hex(55BBEE)	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(55BBEE)

Conversions

Conversions Part 1

Format	Color
Hex	55BBEE
RGB	85, 187, 238
RGB Percent	33%, 73%, 93%
CMY	0.6667, 0.2667, 0.0667
CMYK	0.64, 0.21, 0.00, 0.07
HSL	200°, 82%, 63%
HSV	200°, 64%, 93%
XYZ	36.9493, 43.6450, 87.3658
YIQ	162.3160, -77.1630, -5.7630

Conversions

Conversions Part 2

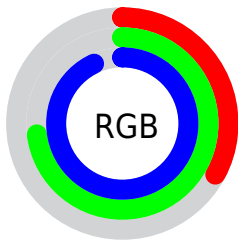
Format	Color
R _{YB}	85, 146, 238
Decimal	5618670
CIE Lab	71.99, -14.35, -34.14
CIE LCh	72, 37.035, 247.196
Yxy	43.6450, 0.2200, 0.2599
Android (android.graphics.Color)	4283808750 (0xFF55BBEE)
YUV	162.3160, 37.3122, -67.8061
Hunter-Lab	66.0644, -15.7790, -32.1621

Details

The Hex color **55BBEE** 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 **EE8855**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **94F3FF**, and **0086B6** is the 20% darker color. If you saturate the color by 10%, you get **3DB3EE**, and if you desaturate by 10%, it is **6DC3EE**.

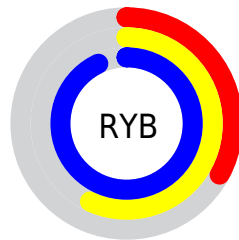
Distribution



Red (33%)

Green (73%)

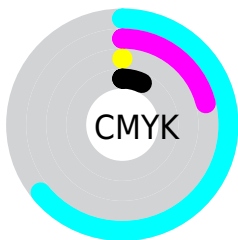
Blue (93%)



Red (33%)

Yellow (57%)

Blue (93%)

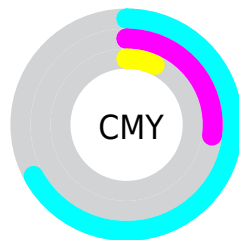


Cyan (64%)

Magenta (21%)

Yellow (0%)

Black (7%)



Cyan (67%)

Magenta (27%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55BBEE 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 55BBEE by changing the saturation by 10% instead.

55BBEE

55BBEE

FFFFFF

2FA0D2

94F3FF

0086B6

B2FFFF

006D9B

D1FFFF

005481

EFFFFFF

003D67

00274F

001138

000222

000008

■ 55BBEE

■ 55BBEE

■ 3DB3EE

■ 6DC3EE

■ 25ABEE

■ 85CBEE

■ 0EA3EE

■ 9CD3EE

■ 009FEE

■ B4DBEE

■ CCE3EE

■ E4EBEE

■ FCF3EE

■ FFFAEE

■ FFFFEE

Harmonies

Analogous

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



2CC1D8



55BBEE



8EB1F3

Triad

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



55BBEE



F296A9



9ABB79

Complementary

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



55BBEE



EE8855

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.



BFB16D



55BBEE



EF9B89

Square

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



55BBEE



E29ACB



DDA573



71C195

Rectangle

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



55BBEE



B0A9ED



DDA573



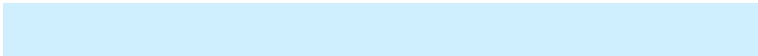
A7B873

Sweetspot

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



55BBEE



CFEFFF



55EE88



627680



000000



808080

Same Dimension

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



55BBEE



3BBEFF



556FEE



6C7478



007AB8



002538

Inverse Universe

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



EE55BB



FF3BBE



EED455



786C74



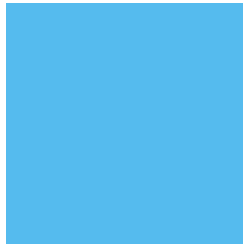
B8007A



380025

Previews

White Background



This preview shows how the Hex color 55BBEE looks on a white background.

Color Contrast Check

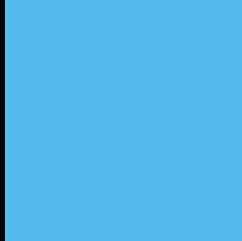
Large Text (above 18pt) WCAG AA × Fail

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 55BBEE 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

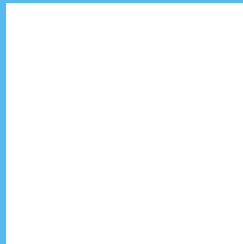
Any Text WCAG AAA ✓ Pass

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

Hex 55BBEE Background



This preview shows how black text looks on a background with the Hex color 55BBEE.

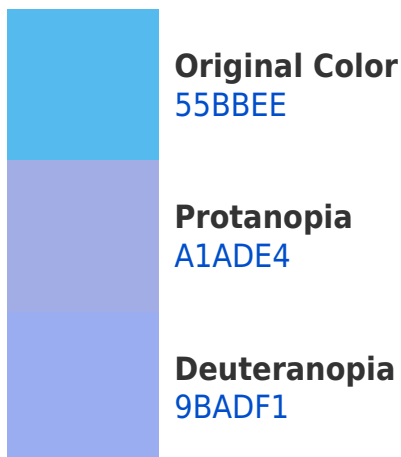


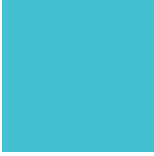
This preview shows how white text looks on a background with the Hex color 55BBEE.

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](#).

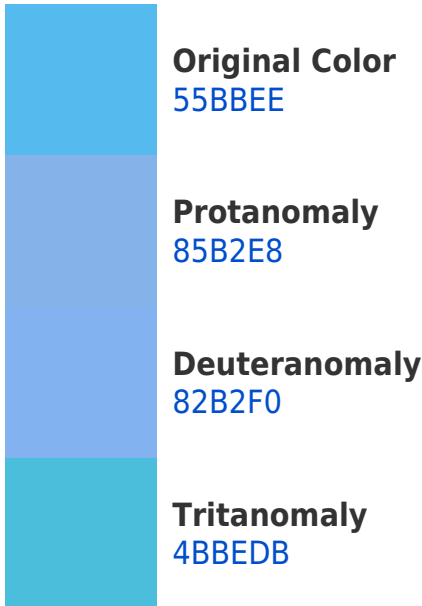
Dichromacy





Tritanopia
45C0D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 55BBEE 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 #55BBEE looks like.

```
.text, #text, p{  
    color:#55BBEE  
}
```

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 #55BBEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55BBEE
}
```

Border

The CSS property to change the border of an element to Hex 55BBEE 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
#55BBEE }
```

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

```
.border{ border-color:#55BBEE }
```

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

Here you see how a box with a 4 pixel #55BBEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55BBEE; -webkit-box-shadow:4px 4px  
4px 4px #55BBEE; box-shadow:4px 4px 4px  
4px #55BBEE }
```

Background

The CSS property to change the background color of an element to Hex 55BBEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55BBEE }
```

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

```
.background{ background-color:#55BBEE }
```

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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