

# Converting Colors

Hex(5BCCE7)

Have a look what the booklet for  
Hex(5BCCE7) contains.

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# Color

**Hex(5BCCE7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BCCE7
RGB	91, 204, 231
RGB Percent	36%, 80%, 91%
CMY	0.6431, 0.2000, 0.0941
CMYK	0.61, 0.12, 0.00, 0.09
HSL	192°, 74%, 63%
HSV	192°, 61%, 91%
XYZ	40.3311, 51.1794, 83.3542
YIQ	173.2910, -76.0150, -15.5590

# Conversions

## Conversions Part 2

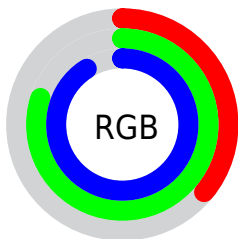
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 154, 231
Decimal	6016231
CIE Lab	76.79, -24.22, -22.98
CIE LCh	77, 33.388, 223.494
Yxy	51.1794, 0.2306, 0.2927
Android (android.graphics.Color)	4284206311 (0xFF5BCCE7)
YUV	173.2910, 28.4505, -72.1692
Hunter-Lab	71.5398, -24.5640, -19.0036

# Details

The Hex color **5BCCE7** 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 **E7765B**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **99FFFF**, and **0096AF** is the 20% darker color. If you saturate the color by 10%, you get **44C8E7**, and if you desaturate by 10%, it is **72D0E7**.

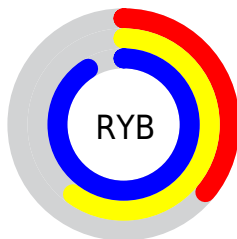
# Distribution



Red (36%)

Green (80%)

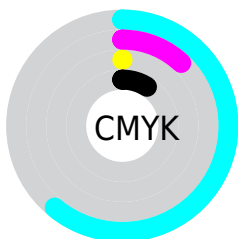
Blue (91%)



Red (36%)

Yellow (60%)

Blue (91%)

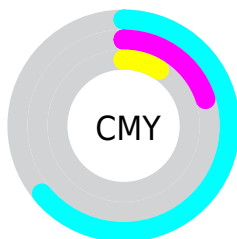


Cyan (61%)

Magenta (12%)

Yellow (0%)

Black (9%)



Cyan (64%)

Magenta (20%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5BCCE7 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 5BCCE7 by changing the saturation by 10% instead.



 5BCCE7

 5BCCE7

FFFFFF

 38B0CB

 99FFFF

 0096AF

 B7FFFF

 007C95

 D5FFFF

 00627B

 F4FFFF

 004A62

 00334A

 002033

 00021E

 000000

 5BCCE7

 5BCCE7

 44C8E7

 72D0E7

 2DC3E7

 89D5E7

 16BFE7

 A0D9E7

 00BAE7

 B7DEE7

 CFE2E7

 E6E7E7

 FDEBE7

 FFF0E7

 FFF4E7

# Harmonies

## Analogous

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



5FCFCB



5BCCE7



7CC5F8

# Triad

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



5BCCE7



F0A8D0



C5C081

# Complementary

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



5BCCE7



E7765B

# 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.



E2B683



5BCCE7



FBA7B1

# Square

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



5BCCE7



D3B1EA



F6AC94



A2C890

# Rectangle

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



5BCCE7



9ABFFB



F6AC94



D0BD80

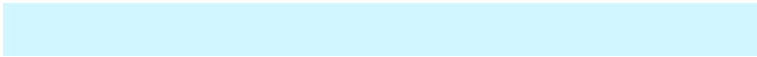


# Sweetspot

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



5BCCE7



D1F6FF



5BE775



637A80



000000



808080



# Same Dimension

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



5BCCE7



45DBFF



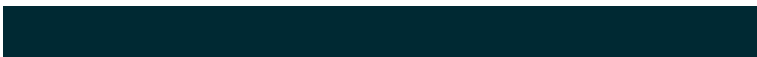
5B87E7



677173



0090B3



002933



# Inverse Universe

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



E75BCC



FF45DB



E7BB5B



736771



B30090

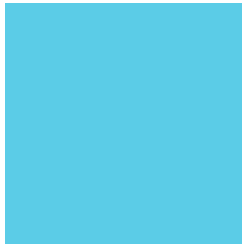


330029



# Previews

## White Background



This preview shows how the Hex color 5BCCE7 looks on a white background.

## Color Contrast Check

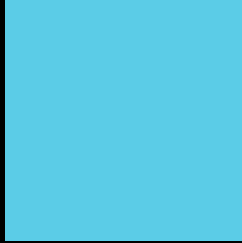
Large Text (above 18pt) WCAG AA × Fail

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 5BCCE7 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 5BCCE7 Background



This preview shows how black text looks on a background with the Hex color 5BCCE7.



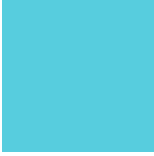
This preview shows how white text looks on a background with the Hex color 5BCCE7.

# 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](#).

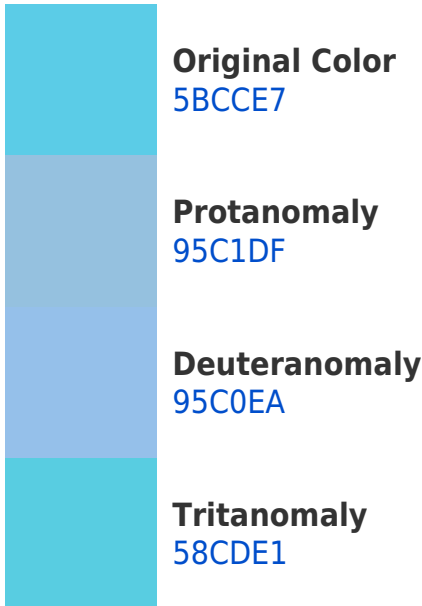
## Dichromacy



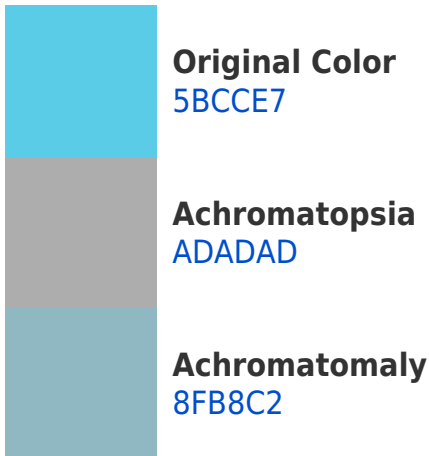


**Tritanopia**  
57CDDE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5BCCE7 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 #5BCCE7 looks like.

```
.text, #text, p{  
    color:#5BCCE7  
}
```

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 #5BCCE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BCCE7  
}
```

## Border

The CSS property to change the border of an element to Hex 5BCCE7 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  
#5BCCE7 }
```

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

```
.border{ border-color:#5BCCE7 }
```

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

Here you see how a box with a 4 pixel #5BCCE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BCCE7; -webkit-box-shadow:4px 4px  
4px 4px #5BCCE7; box-shadow:4px 4px 4px  
4px #5BCCE7 }
```

# Background

The CSS property to change the background color of an element to Hex 5BCCE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BCCE7 }
```

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

```
.background{ background-color:#5BCCE7 }
```

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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