

# Converting Colors

Hex(56BBE4)

Have a look what the booklet for  
Hex(56BBE4) contains.

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# **Color**

**Hex(56BBE4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56BBE4
RGB	86, 187, 228
RGB Percent	34%, 73%, 89%
CMY	0.6627, 0.2667, 0.1059
CMYK	0.62, 0.18, 0.00, 0.11
HSL	197°, 72%, 62%
HSV	197°, 62%, 89%
XYZ	35.6117, 43.1205, 79.8449
YIQ	161.4750, -73.3570, -8.6610

# Conversions

## Conversions Part 2

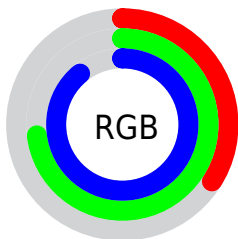
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 145, 228
Decimal	5684196
CIE <sub>Lab</sub>	71.64, -17.29, -29.26
CIE <sub>LCh</sub>	72, 33.982, 239.423
Yxy	43.1205, 0.2246, 0.2719
Android (android.graphics.Color)	4283874276 (0xFF56BBE4)
YUV	161.4750, 32.7968, -66.1916
Hunter-Lab	65.6662, -18.1129, -26.1256

# Details

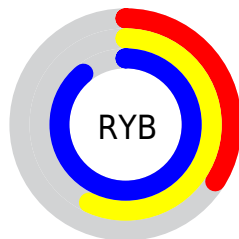
The Hex color **56BBE4** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **E47F56**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **94F3FF**, and **0086AC** is the 20% darker color. If you saturate the color by 10%, you get **3FB4E4**, and if you desaturate by 10%, it is **6DC2E4**.

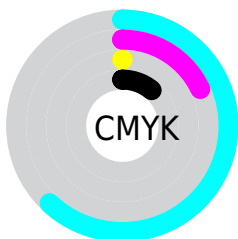
# Distribution



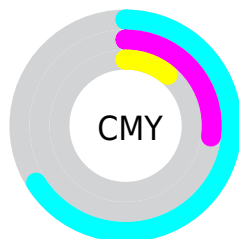
- Red (34%)
- Green (73%)
- Blue (89%)



- Red (34%)
- Yellow (57%)
- Blue (89%)



- Cyan (62%)
- Magenta (18%)
- Yellow (0%)
- Black (11%)



- Cyan (66%)
- Magenta (27%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 56BBE4 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 56BBE4 by changing the saturation by 10% instead.



 56BBE4

 56BBE4

FFFFFF

 32A0C8

 94F3FF

 0086AC

 B2FFFF

 006C92


 D0FFFF

 005478

 EEEFFF

 003D5F

 002747

 000F31

 00011B

 000000

 56BBE4

 56BBE4

 3FB4E4

 6DC2E4

 28AEE4

 84C8E4

 12A7E4

 9ACFE4

 00A2E4

 B1D5E4

 C8DCE4

 DFE2E4

 F6E9E4

 FFF0E4

 FFF6E4

# Harmonies

## Analogous

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



43C0CD



56BBE4



84B3ED

# Triad

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



56BBE4



EA98B1



A5B779

# Complementary

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



56BBE4



E47F56

# 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.



C5AD71



56BBE4



EC9A93

# Square

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



56BBE4



D69DD0



DEA37B



80BD8F

# Rectangle

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



56BBE4



A4ABEA



DEA37B



B0B474

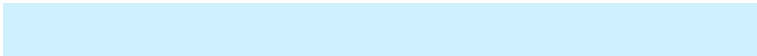


# Sweetspot

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



56BBE4



CFF1FF



56E47E



627780



000000



808080



# Same Dimension

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



56BBE4



40C8FF



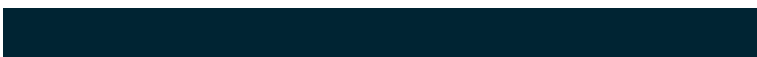
5675E4



676F73



007FB3



002433



# Inverse Universe

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



E456BB



FF40C8



E4C556



73676F



B3007F

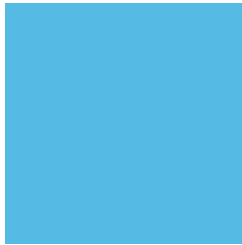


330024



# Previews

## White Background



This preview shows how the Hex color 56BBE4 looks on a white background.

## Color Contrast Check

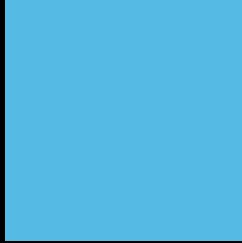
Large Text (above 18pt) WCAG AA × Fail

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 56BBE4 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 56BBE4 Background



This preview shows how black text looks on a background with the Hex color 56BBE4.

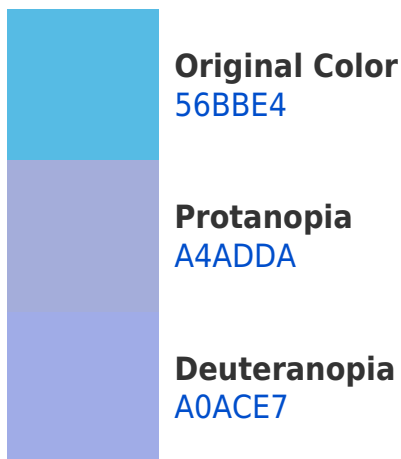


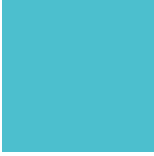
This preview shows how white text looks on a background with the Hex color 56BBE4.

# 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](#).

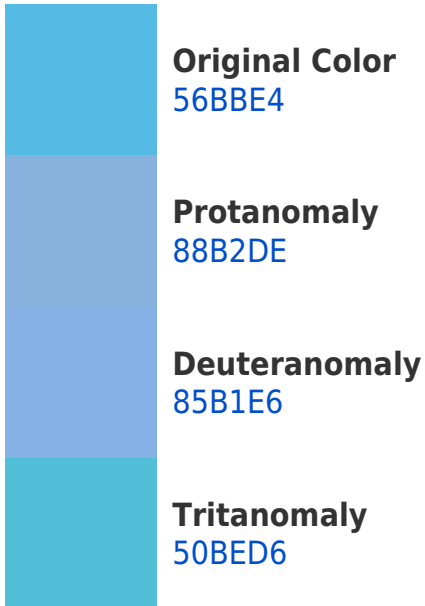
## Dichromacy



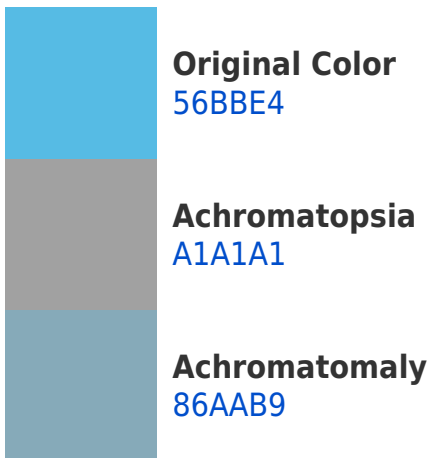


**Tritanopia**  
4CBFCE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 56BBE4 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 #56BBE4 looks like.

```
.text, #text, p{  
    color:#56BBE4  
}
```

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 #56BBE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56BBE4  
}
```

## Border

The CSS property to change the border of an element to Hex 56BBE4 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  
#56BBE4 }
```

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

```
.border{ border-color:#56BBE4 }
```

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

Here you see how a box with a 4 pixel #56BBE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56BBE4; -webkit-box-shadow:4px 4px  
4px 4px #56BBE4; box-shadow:4px 4px 4px  
4px #56BBE4 }
```

# Background

The CSS property to change the background color of an element to Hex 56BBE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56BBE4 }
```

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

```
.background{ background-color:#56BBE4 }
```

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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