

Converting Colors

Hex(56BBCE)

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

Hex(56BBCE)	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(56BBCE)

Conversions

Conversions Part 1

Format	Color
Hex	56BBCE
RGB	86, 187, 206
RGB Percent	34%, 73%, 81%
CMY	0.6627, 0.2667, 0.1922
CMYK	0.58, 0.09, 0.00, 0.19
HSL	190°, 55%, 57%
HSV	190°, 58%, 81%
XYZ	32.7487, 41.9753, 64.7685
YIQ	158.9670, -66.2950, -15.5030

Conversions

Conversions Part 2

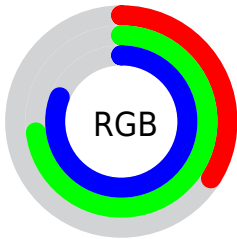
Format	Color
RYB	86, 141, 206
Decimal	5684174
CIELab	70.85, -23.84, -18.45
CIElCh	71, 30.150, 217.739
Yxy	41.9753, 0.2348, 0.3009
Android (android.graphics.Color)	4283874254 (0xFF56BBCE)
YUV	158.9670, 23.1873, -63.9921
Hunter-Lab	64.7884, -23.1530, -13.9200

Details

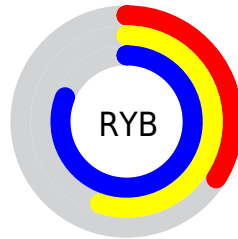
The Hex color **56BBCE** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **CE6956**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **92F3FF**, and **008698** is the 20% darker color. If you saturate the color by 10%, you get **41B8CE**, and if you desaturate by 10%, it is **6BBECE**.

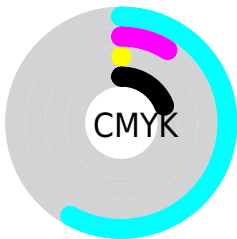
Distribution



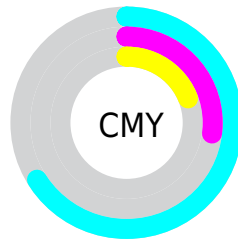
- Red (34%)
- Green (73%)
- Blue (81%)



- Red (34%)
- Yellow (55%)
- Blue (81%)



- Cyan (58%)
- Magenta (9%)
- Yellow (0%)
- Black (19%)



- Cyan (66%)
- Magenta (27%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 56BBCE

 56BBCE

FFFFFF

 35A0B2

 92F3FF

 008698

 AFFFFFFF

 006C7E


 CDFFFF


 005365

 EBFFFF

 003C4D

 002636

 000821

 000007

 000000

 56BBCE

 56BBCE

 41B8CE

 6BBECE

 2DB4CE

 7FC2CE

 18B1CE

 94C5CE

 04AECE

 A8C8CE

 00ADCE

 BDCBCE

 D2CFCE

 E6D2CE

 FBD5CE

 FFD8CE

Harmonies

Analogous

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



5FBDB4



56BBCE



6DB6DF

Triad

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



56BBCE



D69CC3



BAAE77

Complementary

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



56BBCE



CE6956

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.



D2A57B



56BBCE



E499A7

Square

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



56BBCE



BAA4D9



E29D8D



9CB681

Rectangle

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



56BBCE



87B1E4



E29D8D



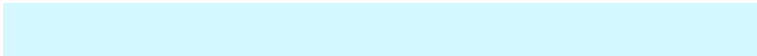
C3AB77

Sweetspot

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



56BBCE



D4F8FF



56CE68



667B80



000000



808080

Same Dimension

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



56BBCE



4DE3FF



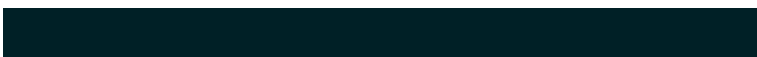
5680CE



5C6466



008CA6



002026

Inverse Universe

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



CE56BB



FF4DE3



CEA456



665C64



A6008C



260020

Previews

White Background



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

Color Contrast Check

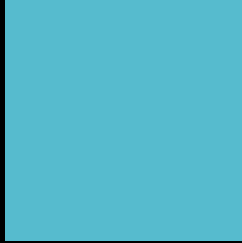
Large Text (above 18pt) WCAG AA × Fail

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 56BBCE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

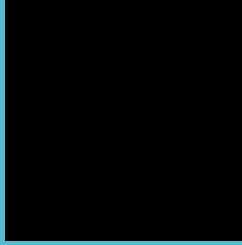
Any Text WCAG AA ✓ Pass

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 56BBCE Background



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

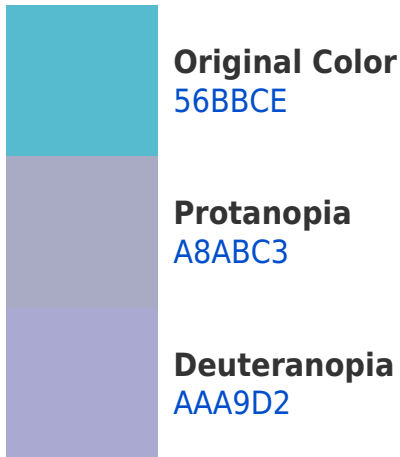


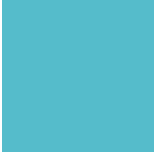
This preview shows how white text looks on a background with the Hex color 56BBCE.

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](#).

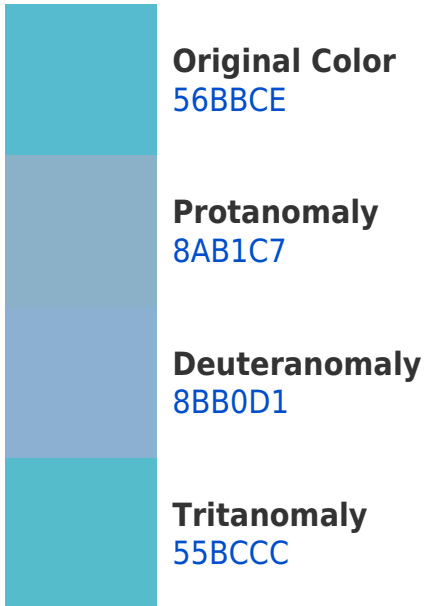
Dichromacy



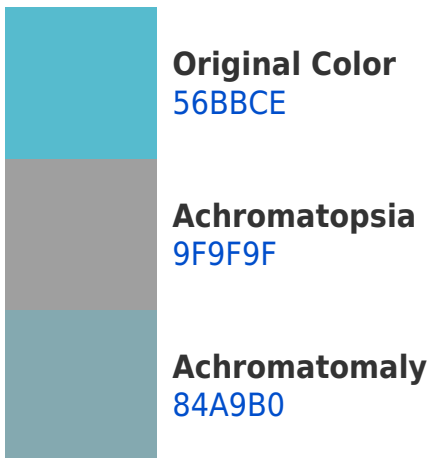


Tritanopia
55BCCB

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #56BBCE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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