

Converting Colors

Hex(56BBC5)

Have a look what the booklet for
Hex(56BBC5) contains.

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Color

Hex(56BBC5)

Conversions

Conversions Part 1

Format	Color
Hex	56BBC5
RGB	86, 187, 197
RGB Percent	34%, 73%, 77%
CMY	0.6627, 0.2667, 0.2275
CMYK	0.56, 0.05, 0.00, 0.23
HSL	185°, 49%, 55%
HSV	185°, 56%, 77%
XYZ	31.6861, 41.5503, 59.1733
YIQ	157.9410, -63.4060, -18.3020

Conversions

Conversions Part 2

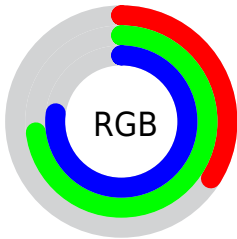
Format	Color
R_{YB}	86, 139, 197
Decimal	5684165
CIE _{Lab}	70.56, -26.41, -13.97
CIE _{LCh}	71, 29.876, 207.881
Yxy	41.5503, 0.2393, 0.3138
Android (android.graphics.Color)	4283874245 (0xFF56BBC5)
YUV	157.9410, 19.2561, -63.0923
Hunter-Lab	64.4595, -25.0596, -9.3061

Details

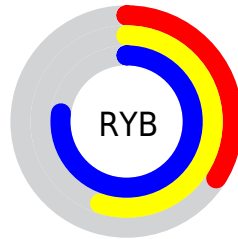
The Hex color **56BBC5** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **C56056**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **91F3FE**, and **01858F** is the 20% darker color. If you saturate the color by 10%, you get **42B9C5**, and if you desaturate by 10%, it is **6ABDC5**.

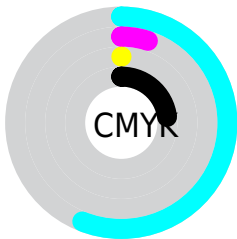
Distribution



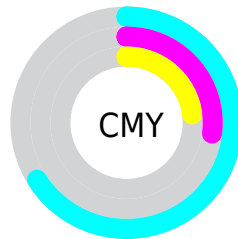
- Red (34%)
- Green (73%)
- Blue (77%)



- Red (34%)
- Yellow (55%)
- Blue (77%)



- Cyan (56%)
- Magenta (5%)
- Yellow (0%)
- Black (23%)



- Cyan (66%)
- Magenta (27%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56BBC5 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 56BBC5 by changing the saturation by 10% instead.

 56BBC5

 56BBC5

FFFFFF

 36A0AA

 91F3FE

 01858F

 AEFFFF

 006C76

 CCFFFF

 00535D

 E9FFFF

 003C45

 00262F

 00051B

 000000

 56BBC5

 56BBC5


 42B9C5

 6ABDC5

 2FB7C5

 7DBFC5

 1BB6C5

 91C0C5

 07B4C5

 A5C2C5

 00B3C5

 B9C4C5

 CCC6C5

 E0C7C5

 F4C9C5

 FFCBC5

Harmonies

Analogous

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



68BBAA



56BBC5



63B7DA

Triad

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



56BBC5



CE9DCA



C2AA76

Complementary

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



56BBC5



C56056

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.



D7A180



56BBC5



E099B0

Square

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



56BBC5



AEA6DD



E39A94



A5B37C

Rectangle

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



56BBC5



79B2E1



E39A94



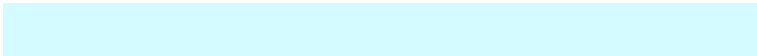
CAA778

Sweetspot

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



56BBC5



D4FBFF



56C55F



667D80



000000



808080

Same Dimension

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



56BBC5



52EFFF



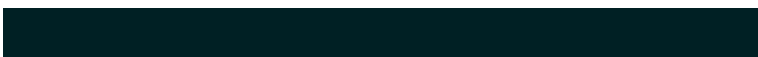
5684C5



5A6363



0094A3



002024

Inverse Universe

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



C556BB



FF52EF



C59756



635A63



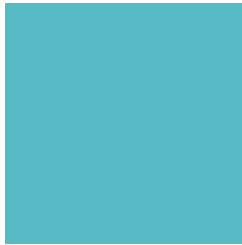
A30094



240020

Previews

White Background



This preview shows how the Hex color 56BBC5 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 56BBC5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

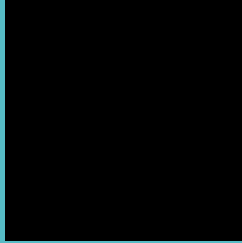
Any Text WCAG AA ✓ Pass

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 56BBC5 Background



This preview shows how black text looks on a background with the Hex color 56BBC5.

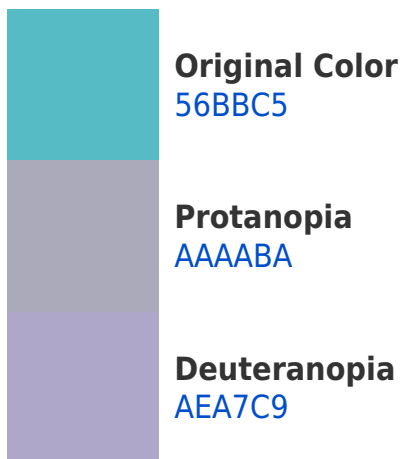


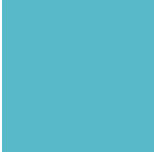
This preview shows how white text looks on a background with the Hex color 56BBC5.

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](#).

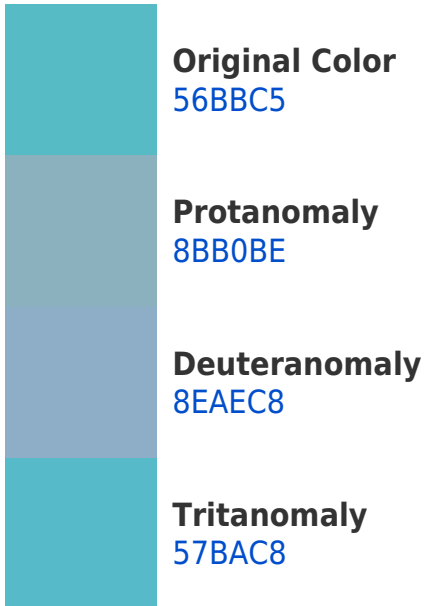
Dichromacy





Tritanopia
58BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56BBC5 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 #56BBC5 looks like.

```
.text, #text, p{  
    color:#56BBC5  
}
```

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 #56BBC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56BBC5
}
```

Border

The CSS property to change the border of an element to Hex 56BBC5 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
#56BBC5 }
```

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

```
.border{ border-color:#56BBC5 }
```

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

Here you see how a box with a 4 pixel #56BBC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56BBC5; -webkit-box-shadow:4px 4px  
4px 4px #56BBC5; box-shadow:4px 4px 4px  
4px #56BBC5 }
```

Background

The CSS property to change the background color of an element to Hex 56BBC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56BBC5 }
```

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

```
.background{ background-color:#56BBC5 }
```

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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