

Converting Colors

Hex(56B4B6)

Have a look what the booklet for
Hex(56B4B6) contains.

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Color

Hex(56B4B6)

Conversions

Conversions Part 1

Format	Color
Hex	56B4B6
RGB	86, 180, 182
RGB Percent	34%, 71%, 71%
CMY	0.6627, 0.2941, 0.2863
CMYK	0.53, 0.01, 0.00, 0.29
HSL	181°, 40%, 53%
HSV	181°, 53%, 71%
XYZ	28.6025, 37.9983, 50.0829
YIQ	152.1220, -56.6660, -19.3060

Conversions

Conversions Part 2

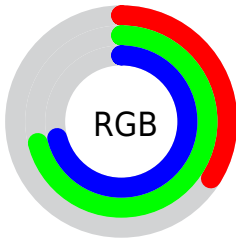
Format	Color
RYB	86, 133, 182
Decimal	5682358
CIELab	68.02, -27.09, -9.52
CIELCh	68, 28.716, 199.371
Yxy	37.9983, 0.2451, 0.3257
Android (android.graphics.Color)	4283872438 (0xFF56B4B6)
YUV	152.1220, 14.7299, -57.9890
Hunter-Lab	61.6428, -25.0502, -5.0213

Details

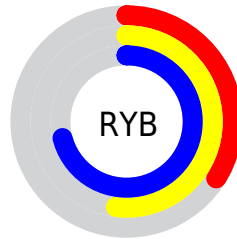
The Hex color **56B4B6** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B65856**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **8FECEE**, and **0E7F81** is the 20% darker color. If you saturate the color by 10%, you get **44B4B6**, and if you desaturate by 10%, it is **68B4B6**.

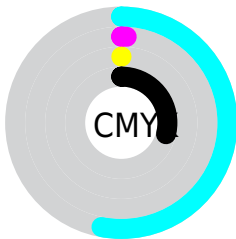
Distribution



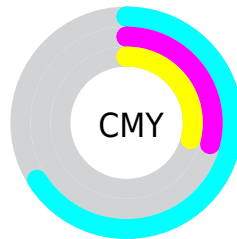
- Red (34%)
- Green (71%)
- Blue (71%)



- Red (34%)
- Yellow (52%)
- Blue (71%)



- Cyan (53%)
- Magenta (1%)
- Yellow (0%)
- Black (29%)



- Cyan (66%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56B4B6 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 56B4B6 by changing the saturation by 10% instead.

 56B4B6

 56B4B6

FFFFFF

 37999B

 8FECEE

 0E7F81

 ACFFFF

 006568

 C9FFFF

 004D50

 E7FFFF

 003639

 002224

 00010E

 000000

 56B4B6

 56B4B6

 44B4B6

 68B4B6

 32B3B6

 7AB5B6

 1FB3B6

 8DB5B6

 0DB2B6

 9FB6B6

 00B2B6

 B1B6B6

 C3B6B6

 D5B7B6

 E8B7B6

 FAB7B6

Harmonies

Analogous

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



6CB49B



56B4B6



59B1CC

Triad

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



56B4B6



BE99C8



C1A173

Complementary

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



56B4B6



B65856

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.



D3997F



56B4B6



D393B0

Square

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



56B4B6



9DA2D6



DA9396



A7A974

Rectangle

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



56B4B6



6BADD6



DA9396



C89E76

Sweetspot

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



56B4B6



C7ECED



56B658



617778



F7F7F7



787878

Same Dimension

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



56B4B6



58EAED



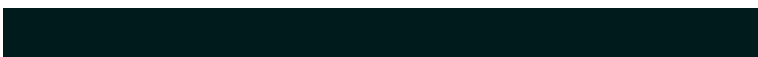
5684B6



535C5C



00989C



001B1C

Inverse Universe

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



B656B4



ED58EA



B68856



5C535C



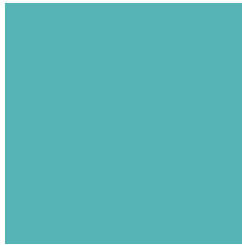
9C0098



1C001B

Previews

White Background



This preview shows how the Hex color 56B4B6 looks on a white background.

Color Contrast Check

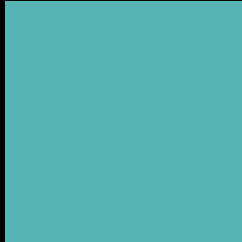
Large Text (above 18pt) WCAG AA × Fail

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 56B4B6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

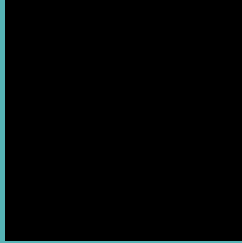
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

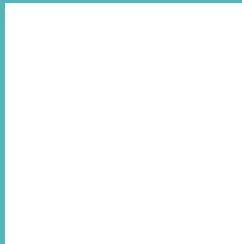
Any Text WCAG AAA ✓ Pass

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

Hex 56B4B6 Background



This preview shows how black text looks on a background with the Hex color 56B4B6.

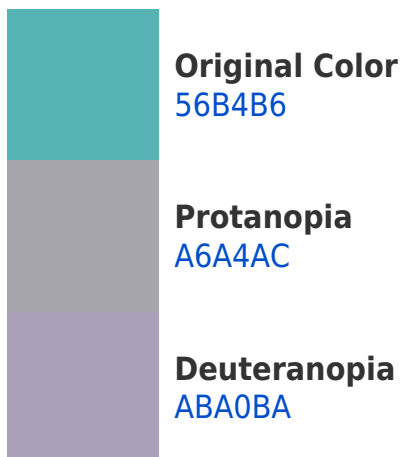


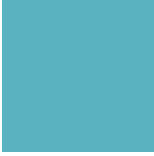
This preview shows how white text looks on a background with the Hex color 56B4B6.

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](#).

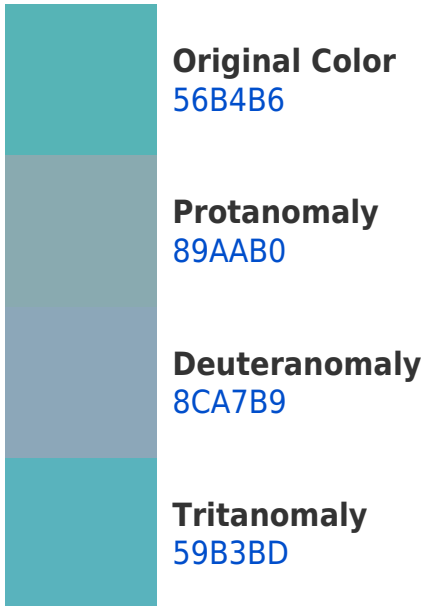
Dichromacy



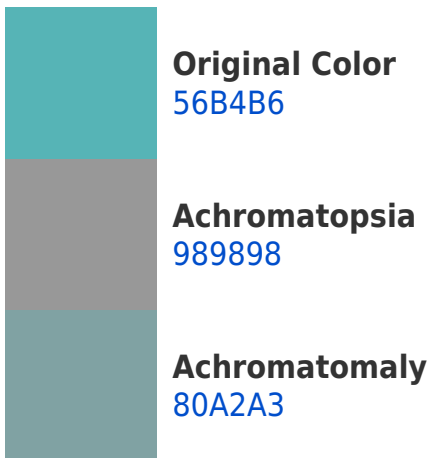


Tritanopia
5AB2C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56B4B6 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 #56B4B6 looks like.

```
.text, #text, p{  
    color:#56B4B6  
}
```

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 #56B4B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56B4B6
}
```

Border

The CSS property to change the border of an element to Hex 56B4B6 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
#56B4B6 }
```

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

```
.border{ border-color:#56B4B6 }
```

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

Here you see how a box with a 4 pixel #56B4B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56B4B6; -webkit-box-shadow:4px 4px  
4px 4px #56B4B6; box-shadow:4px 4px 4px  
4px #56B4B6 }
```

Background

The CSS property to change the background color of an element to Hex 56B4B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56B4B6 }
```

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

```
.background{ background-color:#56B4B6 }
```

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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