

Converting Colors

Hex(56BABB)

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

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Color

Hex(56BABB)

Conversions

Conversions Part 1

Format	Color
Hex	56BABB
RGB	86, 186, 187
RGB Percent	34%, 73%, 73%
CMY	0.6627, 0.2706, 0.2667
CMYK	0.54, 0.01, 0.00, 0.27
HSL	181°, 43%, 54%
HSV	181°, 54%, 73%
XYZ	30.3663, 40.6841, 53.2661
YIQ	156.2140, -59.9210, -20.8890

Conversions

Conversions Part 2

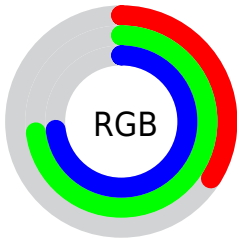
Format	Color
RYB	86, 136, 187
Decimal	5683899
CIELab	69.95, -28.68, -9.39
CIELCh	70, 30.178, 198.134
Yxy	40.6841, 0.2443, 0.3273
Android (android.graphics.Color)	4283873979 (0xFF56BABB)
YUV	156.2140, 15.1775, -61.5777
Hunter-Lab	63.7841, -26.6420, -4.8642

Details

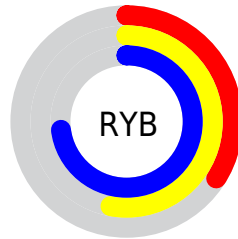
The Hex color **56BABB** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BB5756**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **90F2F3**, and **088486** is the 20% darker color. If you saturate the color by 10%, you get **43BABB**, and if you desaturate by 10%, it is **69BABB**.

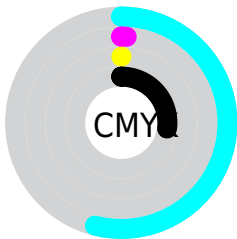
Distribution



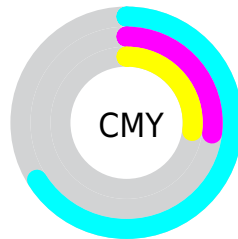
- Red (34%)
- Green (73%)
- Blue (73%)



- Red (34%)
- Yellow (53%)
- Blue (73%)



- Cyan (54%)
- Magenta (1%)
- Yellow (0%)
- Black (27%)



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

Brightness & Saturation Gradients

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

 56BABB

 56BABB

FFFFFF

 379FA0

 90F2F3

 088486

 ADFFFF

 006B6D

 CAFFFF

 005254

 E8FFFF

 003B3D

 002527

 000114

 000000

 56BABB

 56BABB

43BABB

69BABB

31BABB

7BBABB

1EB9BB

8EBBBB

0BB9BB

A1BBBB

00B9BB

B3BBBB

C6BBBB

D9BBBB

ECBBBB

FEBCBB

Harmonies

Analogous

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



6EB99F



56BABB



58B7D3

Triad

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



56BABB



C39ED0



C8A576

Complementary

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



56BABB



BB5756

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.



DB9D83



56BABB



DA98B7

Square

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



56BABB



A0A8DF



E2979B



ADAE76

Rectangle

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



56BABB



6BB3DD



E2979B



D0A279

Sweetspot

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



56BABB



CBF2F2



56BB56



637A7A



FAFAFA



7A7A7A

Same Dimension

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



56BABB



55F1F2



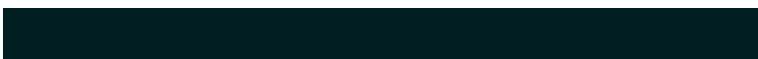
5689BB



555E5E



009D9E



001E1F

Inverse Universe

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



BB56BA



F255F1



BB8956



5E555E



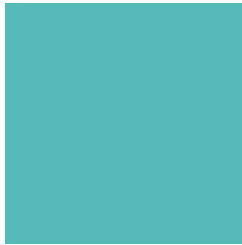
9E009D



1F001E

Previews

White Background



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

Color Contrast Check

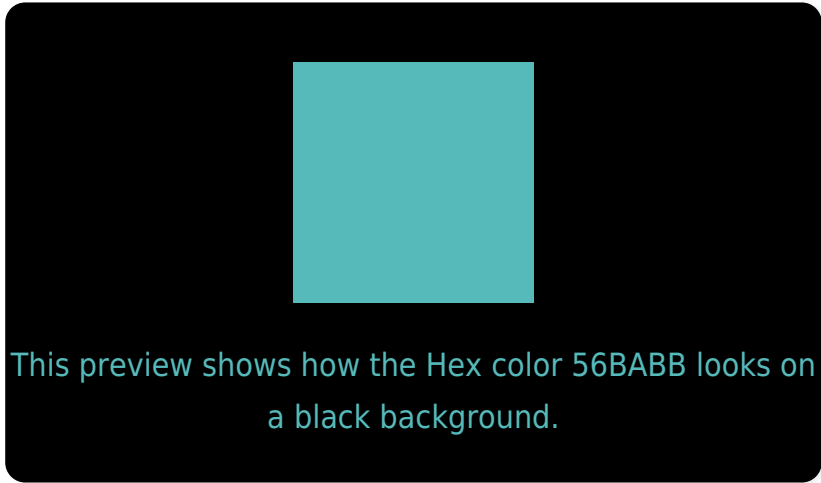
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

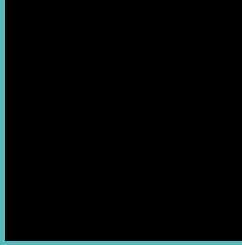
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

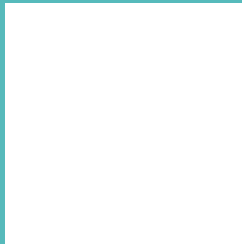
Any Text WCAG AAA ✓ Pass

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

Hex 56BABB Background



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

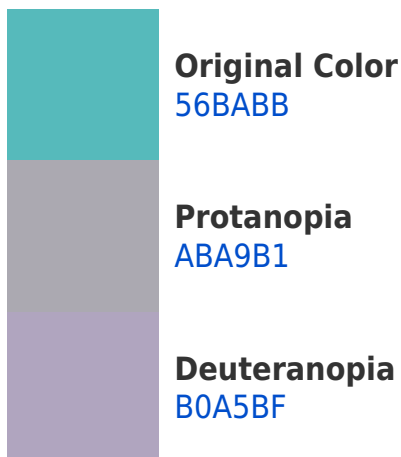


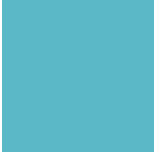
This preview shows how white text looks on a background with the Hex color 56BABB.

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
5BB8C7

Trichromacy



Original Color
56BABB



Protanomaly
8CAFB5



Deuteranomaly
8FADBE



Tritanomaly
59B9C3

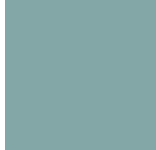
Monochromacy



Original Color
56BABB



Achromatopsia
9C9C9C



Achromatomaly
83A7A7

CSS Examples

Text

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

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

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 #56BABB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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