

Converting Colors

Hex(56BEB2)

Have a look what the booklet for
Hex(56BEB2) contains.

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Color

Hex(56BEB2)

Conversions

Conversions Part 1

Format	Color
Hex	56BEB2
RGB	86, 190, 178
RGB Percent	34%, 75%, 70%
CMY	0.6627, 0.2549, 0.3020
CMYK	0.55, 0.00, 0.06, 0.25
HSL	173°, 44%, 54%
HSV	173°, 55%, 75%
XYZ	30.2871, 42.0197, 48.6338
YIQ	157.5360, -58.1320, -25.7800

Conversions

Conversions Part 2

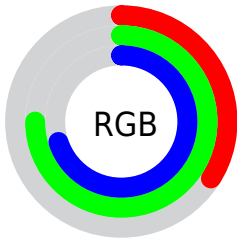
Format	Color
RYB	86, 141, 190
Decimal	5684914
CIELab	70.88, -32.99, -3.08
CIElCh	71, 33.131, 185.336
Yxy	42.0197, 0.2504, 0.3474
Android (android.graphics.Color)	4283874994 (0xFF56BEB2)
YUV	157.5360, 10.0888, -62.7371
Hunter-Lab	64.8226, -30.0389, 0.8929

Details

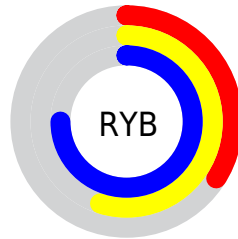
The Hex color **56BEB2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BE5662**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **90F7EA**, and **09887D** is the 20% darker color. If you saturate the color by 10%, you get **43BEB0**, and if you desaturate by 10%, it is **69BEB4**.

Distribution



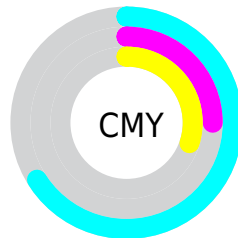
- Red (34%)
- Green (75%)
- Blue (70%)



- Red (34%)
- Yellow (55%)
- Blue (75%)



- Cyan (55%)
- Magenta (0%)
- Yellow (6%)
- Black (25%)



- Cyan (66%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56BEB2 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 56BEB2 by changing the saturation by 10% instead.

 56BEB2

 56BEB2

FFFFFF

 37A397

 90F7EA

 09887D

 ADFFFF

 006E65

 CAFFFF

 00554D

 E8FFFF

 003D36

 002721

 00060B

 000000

 56BEB2

 56BEB2

■ 43BEB0

■ 69BEB4

■ 30BEAE

■ 7CBEB6

■ 1DBEAB

■ 8FBEB9

■ 0ABEA9

■ A2BEBB

■ 00BEA8

■ B5BEBD

■ C8BEBF

■ DBBEC1

■ EEBEC4

■ FFBEC6

Harmonies

Analogous

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



79BC93



56BEB2



46BDCF

Triad

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



56BEB2



B8A4DF



D7A377

Complementary

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



56BEB2



BE5662

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.



E79A8C



56BEB2



D89AC7

Square

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



56BEB2



8DAFE9



E897A9



BDAD71

Rectangle

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



56BEB2



53BADE



E897A9



DEA07D

Sweetspot

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



56BEB2



D0F7F3



62BE56



657D7A



FCFCFC



7D7D7D

Same Dimension

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



56BEB2



54F7E5



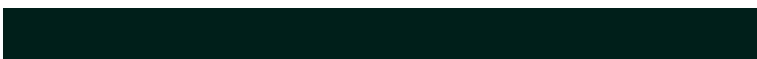
5696BE



555E5D



009E8C



001F1B

Inverse Universe

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



BE5662



F75467



BE7E56



5E5556



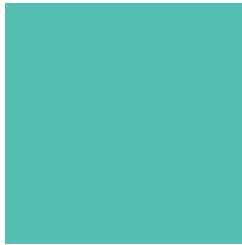
9E0012



1F0004

Previews

White Background



This preview shows how the Hex color 56BEB2 looks on a white background.

Color Contrast Check

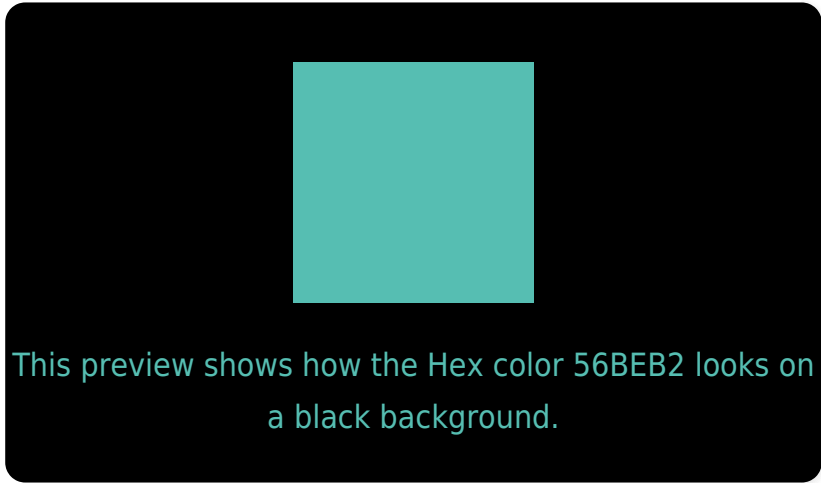
Large Text (above 18pt) WCAG AA × Fail

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

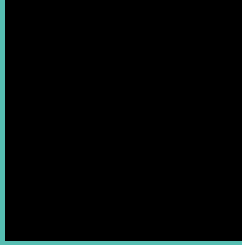
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

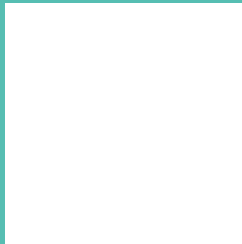
Any Text WCAG AAA ✓ Pass

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

Hex 56BEB2 Background



This preview shows how black text looks on a background with the Hex color 56BEB2.

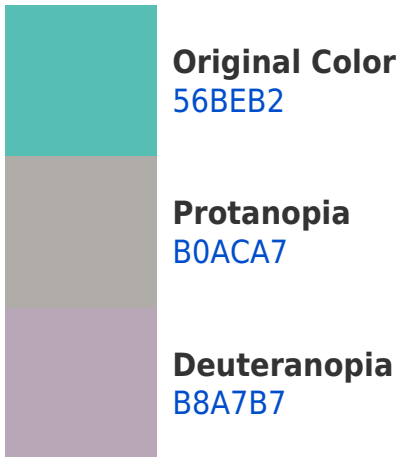


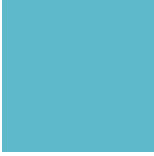
This preview shows how white text looks on a background with the Hex color 56BEB2.

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





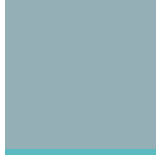
Trichromacy



Original Color
56BEB2



Protanomaly
8FB3AB



Deuteranomaly
94AFB5



Tritanomaly
5BBBC1

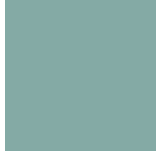
Monochromacy



Original Color
56BEB2



Achromatopsia
9E9E9E



Achromatomaly
84AAA5

CSS Examples

Text

The CSS property to change the color of the text to Hex 56BEB2 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 #56BEB2 looks like.

```
.text, #text, p{  
    color:#56BEB2  
}
```

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 #56BEB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56BEB2
}
```

Border

The CSS property to change the border of an element to Hex 56BEB2 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
#56BEB2 }
```

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

```
.border{ border-color:#56BEB2 }
```

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

Here you see how a box with a 4 pixel #56BEB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56BEB2; -webkit-box-shadow:4px 4px  
4px 4px #56BEB2; box-shadow:4px 4px 4px  
4px #56BEB2 }
```

Background

The CSS property to change the background color of an element to Hex 56BEB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56BEB2 }
```

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

```
.background{ background-color:#56BEB2 }
```

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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