

Converting Colors

Hex(56BEA4)

Have a look what the booklet for
Hex(56BEA4) contains.

Hex(56BEA4)	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(56BEA4)

Conversions

Conversions Part 1

Format	Color
Hex	56BEA4
RGB	86, 190, 164
RGB Percent	34%, 75%, 64%
CMY	0.6627, 0.2549, 0.3569
CMYK	0.55, 0.00, 0.14, 0.25
HSL	165°, 44%, 54%
HSV	165°, 55%, 75%
XYZ	28.9520, 41.4857, 41.6036
YIQ	155.9400, -53.6380, -30.1340

Conversions

Conversions Part 2

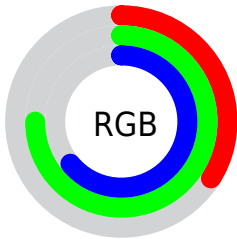
Format	Color
RYB	86, 145, 190
Decimal	5684900
CIELab	70.51, -36.49, 4.03
CIElCh	71, 36.710, 173.690
Yxy	41.4857, 0.2584, 0.3703
Android (android.graphics.Color)	4283874980 (0xFF56BEA4)
YUV	155.9400, 3.9736, -61.3374
Hunter-Lab	64.4094, -32.4806, 6.7897

Details

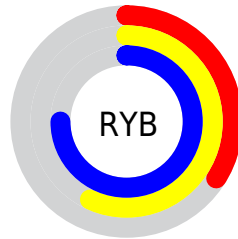
The Hex color **56BEA4** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BE5670**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **8FF7DB**, and **0E8870** is the 20% darker color. If you saturate the color by 10%, you get **43BE9F**, and if you desaturate by 10%, it is **69BEA9**.

Distribution



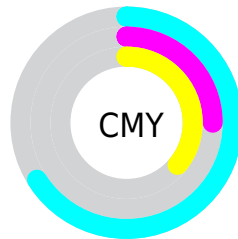
- Red (34%)
- Green (75%)
- Blue (64%)



- Red (34%)
- Yellow (57%)
- Blue (75%)



- Cyan (55%)
- Magenta (0%)
- Yellow (14%)
- Black (25%)



- Cyan (66%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56BEA4 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 56BEA4 by changing the saturation by 10% instead.

 56BEA4

 56BEA4


FFFFFF

 37A38A

 8FF7DB

 0E8870

 ACFFF7

 006E58

 C9FFFF


 005541

 E7FFFF

 003D2B

 002716

 000400

 000000

 56BEA4

 56BEA4

 43BE9F

 69BEA9

 30BE9B

 7CBEAE

 1DBE96

 8FBEB2

 0ABE91

 A2BEB7

 00BE8F

 B5BEBC

 C8BEC1

 DBBEC5

 EEBECA

 FFBECE

Harmonies

Analogous

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



81BA84



56BEA4



2DBEC6

Triad

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



56BEA4



A6A6E9



E29D78

Complementary

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



56BEA4



BE5670

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.



EE9493



56BEA4



D09BD4

Square

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



56BEA4



71B2EE



E893B5



C9A86A

Rectangle

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



56BEA4



2CBCDA



E893B5



E89980

Sweetspot

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



56BEA4



D0F7ED



70BE56



657D77



FCFCFC



7D7D7D

Same Dimension

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



56BEA4



54F7CF



56A4BE



555E5C



009E77



001F17

Inverse Universe

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



BE5670



F7547D



BE7056



5E5557



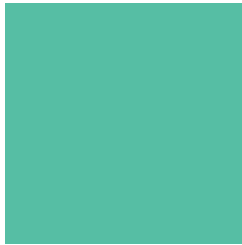
9E0028



1F0008

Previews

White Background



This preview shows how the Hex color 56BEA4 looks on a white background.

Color Contrast Check

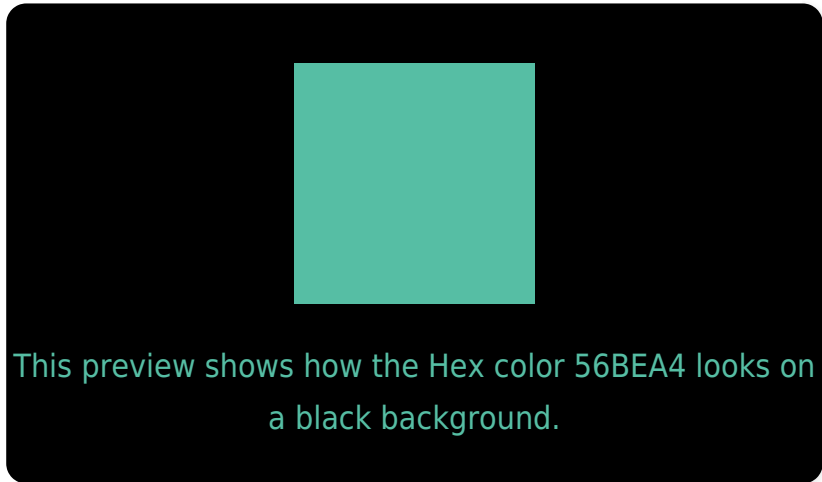
Large Text (above 18pt) WCAG AA × Fail

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

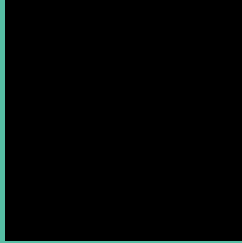
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

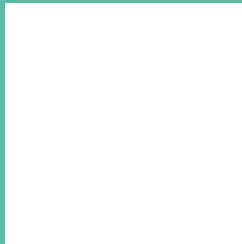
Any Text WCAG AAA ✓ Pass

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

Hex 56BEA4 Background



This preview shows how black text looks on a background with the Hex color 56BEA4.



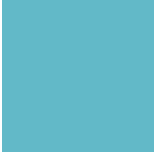
This preview shows how white text looks on a background with the Hex color 56BEA4.

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](#).

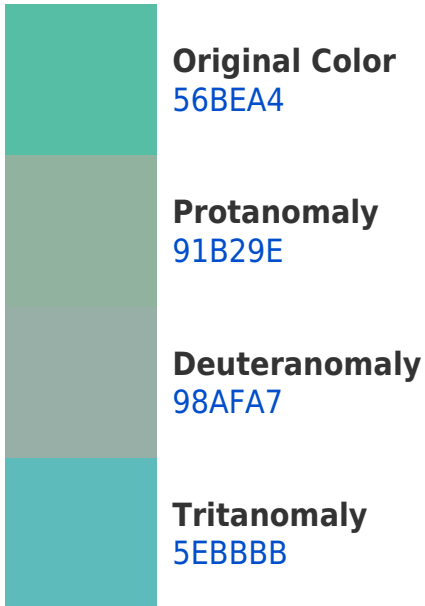
Dichromacy





Tritanopia
62B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56BEA4 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 #56BEA4 looks like.

```
.text, #text, p{  
    color:#56BEA4  
}
```

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 #56BEA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56BEA4
}
```

Border

The CSS property to change the border of an element to Hex 56BEA4 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
#56BEA4 }
```

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

```
.border{ border-color:#56BEA4 }
```

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

Here you see how a box with a 4 pixel #56BEA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56BEA4; -webkit-box-shadow:4px 4px  
4px 4px #56BEA4; box-shadow:4px 4px 4px  
4px #56BEA4 }
```

Background

The CSS property to change the background color of an element to Hex 56BEA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56BEA4 }
```

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

```
.background{ background-color:#56BEA4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor