

Converting Colors

Hex(56AFB4)

Have a look what the booklet for
Hex(56AFB4) contains.

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Color

Hex(56AFB4)

Conversions

Conversions Part 1

Format	Color
Hex	56AFB4
RGB	86, 175, 180
RGB Percent	34%, 69%, 71%
CMY	0.6627, 0.3137, 0.2941
CMYK	0.52, 0.03, 0.00, 0.29
HSL	183°, 39%, 52%
HSV	183°, 52%, 71%
XYZ	27.4059, 35.9337, 48.6715
YIQ	148.9590, -54.6490, -17.3130

Conversions

Conversions Part 2

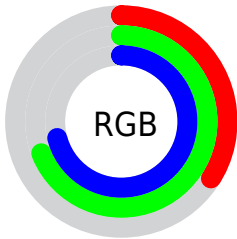
Format	Color
RYB	86, 132, 180
Decimal	5681076
CIELab	66.47, -25.15, -10.73
CIELCh	66, 27.342, 203.113
Yxy	35.9337, 0.2447, 0.3208
Android (android.graphics.Color)	4283871156 (0xFF56AFB4)
YUV	148.9590, 15.3032, -55.2150
Hunter-Lab	59.9447, -23.2953, -6.1786

Details

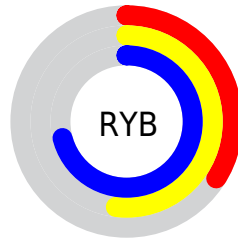
The Hex color **56AFB4** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B45B56**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **8FE7EC**, and **117A7F** is the 20% darker color. If you saturate the color by 10%, you get **44AEB4**, and if you desaturate by 10%, it is **68B0B4**.

Distribution



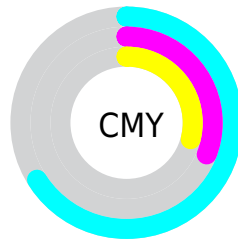
- Red (34%)
- Green (69%)
- Blue (71%)



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



- Cyan (52%)
- Magenta (3%)
- Yellow (0%)
- Black (29%)



- Cyan (66%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56AFB4 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 56AFB4 by changing the saturation by 10% instead.

 56AFB4

 56AFB4

FFFFFF

 389499

 8FE7EC

 117A7F

 ACFFFF

 006166

 C8FFFF

 00494E

 E6FFFF

 003238

 001F22

 00000B

 000000

 56AFB4

 56AFB4

44AEB4

68B0B4

32ADB4

7AB1B4

20ACB4

8CB2B4

0EABB4

9EB3B4

00AAB4

B0B4B4

C2B5B4

D4B6B4

E6B7B4

F8B8B4

Harmonies

Analogous

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



68AF9B



56AFB4



5DACC8

Triad

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



56AFB4



BC95BF



B89E71

Complementary

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



56AFB4



B45B56

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.



CB967B



56AFB4



CE90A8

Square

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



56AFB4



9E9DCF



D39090



9FA674

Rectangle

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



56AFB4



6FA8D0



D39090



C09B73

Sweetspot

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



56AFB4



C5E9EB



56B45B



5F7475



F5F5F5



757575

Same Dimension

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



56AFB4



57E3EB



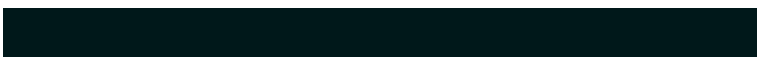
5680B4



505959



009199



00181A

Inverse Universe

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



B456AF



EB57E3



B48A56



595059



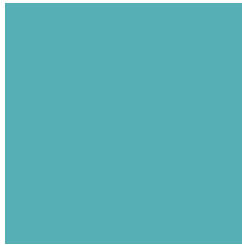
990091



1A0018

Previews

White Background



This preview shows how the Hex color 56AFB4 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 56AFB4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

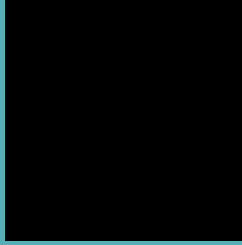
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

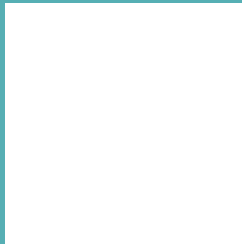
Any Text WCAG AAA ✓ Pass

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

Hex 56AFB4 Background



This preview shows how black text looks on a background with the Hex color 56AFB4.

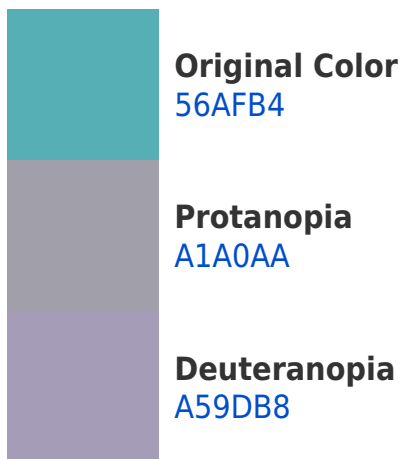


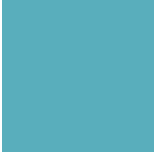
This preview shows how white text looks on a background with the Hex color 56AFB4.

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](#).

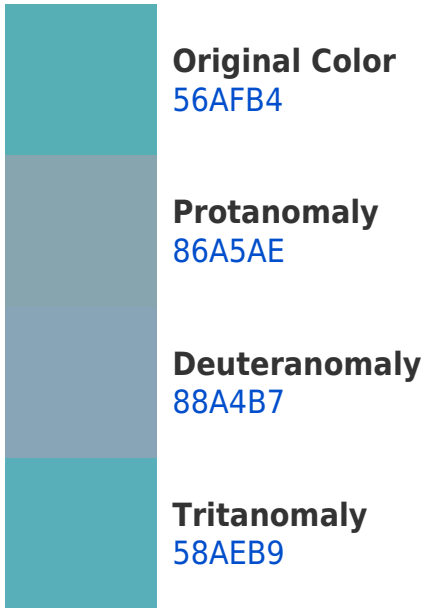
Dichromacy





Tritanopia
59AEBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56AFB4 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 #56AFB4 looks like.

```
.text, #text, p{  
    color:#56AFB4  
}
```

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 #56AFB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56AFB4
}
```

Border

The CSS property to change the border of an element to Hex 56AFB4 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
#56AFB4 }
```

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

```
.border{ border-color:#56AFB4 }
```

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

Here you see how a box with a 4 pixel #56AFB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56AFB4; -webkit-box-shadow:4px 4px  
4px 4px #56AFB4; box-shadow:4px 4px 4px  
4px #56AFB4 }
```

Background

The CSS property to change the background color of an element to Hex 56AFB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56AFB4 }
```

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

```
.background{ background-color:#56AFB4 }
```

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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