

Converting Colors

Hex(5BAFA4)

Have a look what the booklet for
Hex(5BAFA4) contains.

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Color

Hex(5BAFA4)

Conversions

Conversions Part 1

Format	Color
Hex	5BAFA4
RGB	91, 175, 164
RGB Percent	36%, 69%, 64%
CMY	0.6431, 0.3137, 0.3569
CMYK	0.48, 0.00, 0.06, 0.31
HSL	172°, 34%, 52%
HSV	172°, 48%, 69%
XYZ	26.3452, 35.5644, 40.5980
YIQ	148.6300, -46.5330, -21.2290

Conversions

Conversions Part 2

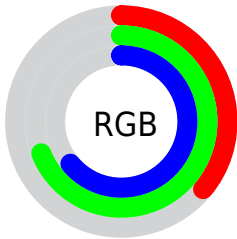
Format	Color
RYB	91, 136, 175
Decimal	6008740
CIELab	66.19, -28.24, -2.25
CIELCh	66, 28.333, 184.556
Yxy	35.5644, 0.2570, 0.3469
Android (android.graphics.Color)	4284198820 (0xFF5BAFA4)
YUV	148.6300, 7.5774, -50.5415
Hunter-Lab	59.6359, -25.5074, 1.3826

Details

The Hex color **5BAFA4** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AF5B66**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **92E7DB**, and **1F7A70** is the 20% darker color. If you saturate the color by 10%, you get **4AAFA2**, and if you desaturate by 10%, it is **6DAFA6**.

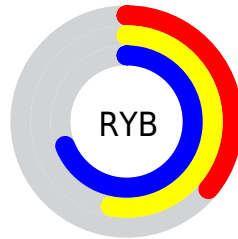
Distribution



Red (36%)

Green (69%)

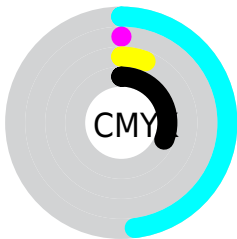
Blue (64%)



Red (36%)

Yellow (53%)

Blue (69%)

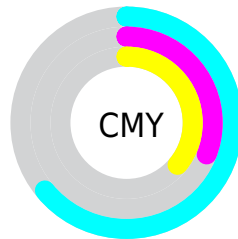


Cyan (48%)

Magenta (0%)

Yellow (6%)

Black (31%)



Cyan (64%)

Magenta (31%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BAFA4 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 5BAFA4 by changing the saturation by 10% instead.

 5BAFA4

 5BAFA4

FFFFFF

 3F948A

 92E7DB

 1F7A70

 AFFFF7

 006158

 CBFFFF

 004941

 E9FFFF

 00312B

 001E16

 000000

 5BAFA4

 5BAFA4

 4AAFA2

 6DAFA6

 38AF9F

 7EAF99

 27AF9D

 90AFAB

 15AF9B

 A1AFAD

 04AF99

 B3AFAF

 00AF98

 C4AFB2

 D6AFB4

 E7AFB6

 F9AFB9

Harmonies

Analogous

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



76AD8A



5BAFA4



50AEBD

Triad

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



5BAFA4



AA99CB



C59874

Complementary

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



5BAFA4



AF5B66

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.



D29185



5BAFA4



C591B7

Square

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



5BAFA4



86A2D3



D38E9E



AFA16E

Rectangle

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



5BAFA4



59ABCA



D38E9E



CB9578

Sweetspot

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



5BAFA4



C3E3DF



66AF5B



5F7370



F2F2F2



737373

Same Dimension

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



5BAFA4



5FE3D2



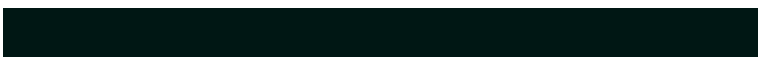
5B90AF



4E5756



009683



001714

Inverse Universe

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



AF5B66



E35F71



AF7A5B



574E4F



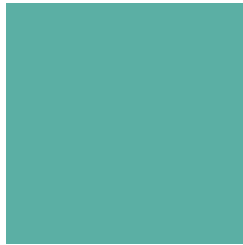
960014



170003

Previews

White Background



This preview shows how the Hex color 5BAFA4 looks on a white background.

Color Contrast Check

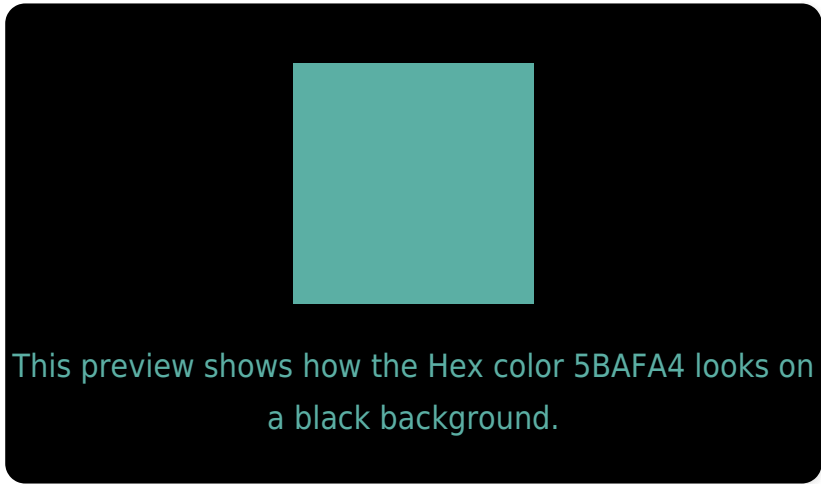
Large Text (above 18pt) WCAG AA × Fail

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

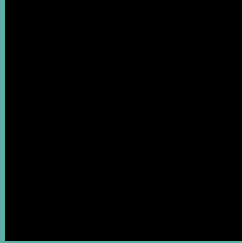
Any Text WCAG AA ✓ Pass

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 5BAFA4 Background



This preview shows how black text looks on a background with the Hex color 5BAFA4.

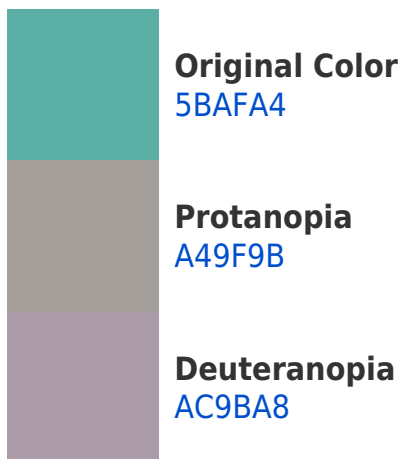


This preview shows how white text looks on a background with the Hex color 5BAFA4.

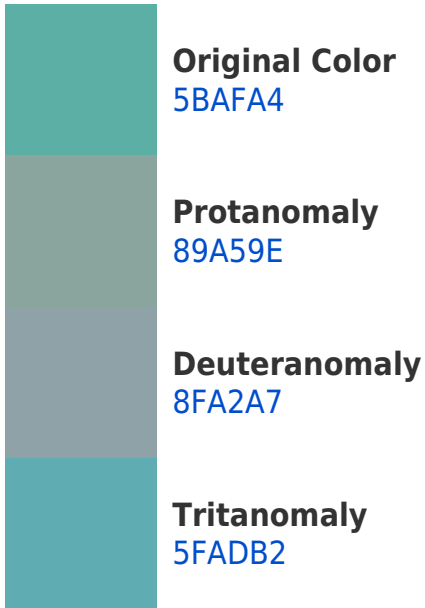
Color Blindness Simulation

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](#).

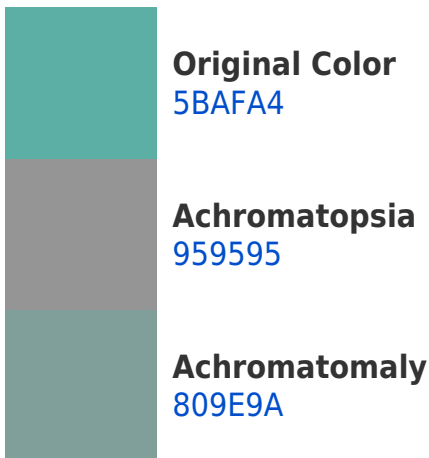
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BAFA4 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 #5BAFA4 looks like.

```
.text, #text, p{  
    color:#5BAFA4  
}
```

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 #5BAFA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BAFA4
}
```

Border

The CSS property to change the border of an element to Hex 5BAFA4 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
#5BAFA4 }
```

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

```
.border{ border-color:#5BAFA4 }
```

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

Here you see how a box with a 4 pixel #5BAFA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BAFA4; -webkit-box-shadow:4px 4px  
4px 4px #5BAFA4; box-shadow:4px 4px 4px  
4px #5BAFA4 }
```

Background

The CSS property to change the background color of an element to Hex 5BAFA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BAFA4 }
```

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

```
.background{ background-color:#5BAFA4 }
```

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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