

Converting Colors

Hex(5BAF64)

Have a look what the booklet for
Hex(5BAF64) contains.

Hex(5BAF64)	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(5BAF64)

Conversions

Conversions Part 1

Format	Color
Hex	5BAF64
RGB	91, 175, 100
RGB Percent	36%, 69%, 39%
CMY	0.6431, 0.3137, 0.6078
CMYK	0.48, 0.00, 0.43, 0.31
HSL	126°, 34%, 52%
HSV	126°, 48%, 69%
XYZ	21.9446, 33.8042, 17.4249
YIQ	141.3340, -25.9890, -41.1330

Conversions

Conversions Part 2

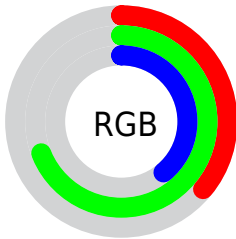
Format	Color
RYB	91, 167, 175
Decimal	6008676
CIELab	64.81, -41.57, 30.74
CIELCh	65, 51.699, 143.519
Yxy	33.8042, 0.2999, 0.4620
Android (android.graphics.Color)	4284198756 (0xFF5BAF64)
YUV	141.3340, -20.3777, -44.1429
Hunter-Lab	58.1414, -34.3752, 22.9299

Details

The Hex color **5BAF64** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AF5BA6**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **92E798**, and **217A33** is the 20% darker color. If you saturate the color by 10%, you get **4AAF54**, and if you desaturate by 10%, it is **6DAF74**.

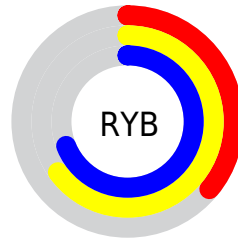
Distribution



Red (36%)

Green (69%)

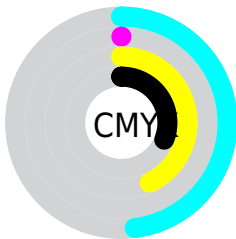
Blue (39%)



Red (36%)

Yellow (65%)

Blue (69%)

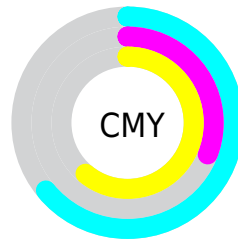


Cyan (48%)

Magenta (0%)

Yellow (43%)

Black (31%)



Cyan (64%)

Magenta (31%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BAF64 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 5BAF64 by changing the saturation by 10% instead.

 5BAF64

 5BAF64

FFFFFF

 3F944B

 92E798

 217A33

 AEFFB3

 00601C

 CBFFCF

 004803

 E8FFEB

 003000

 001900

 000000

 5BAF64

 5BAF64

 4AAF54

 6DAF74

 38AF45

 7EAF83

 27AF35

 90AF93

 15AF26

 A1AFA3

 04AF16

 B3AFB2

 00AF13

 C4AFC2

 D6AFD1

 E7AFE1

 F9AFF1

Harmonies

Analogous

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



94A644



5BAF64



00B491

Triad

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



5BAF64



00A5F9



F3787B

Complementary

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



5BAF64



AF5BA6

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.



ED76A9



5BAF64



8F95F2

Square

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



5BAF64



00B0E7



CC83D5



E28654

Rectangle

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



5BAF64



00B4B1



CC83D5



F4758A

Sweetspot

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



5BAF64



C3E3C7



A7AF5B



5F7361



F2F2F2



737373

Same Dimension

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



5BAF64



5FE36D



5BAF8D



4E574F



009610



001702

Inverse Universe

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



AF5BA6



E35FD5



AF5B7D



574E56



960086



170014

Previews

White Background



This preview shows how the Hex color 5BAF64 looks on a white background.

Color Contrast Check

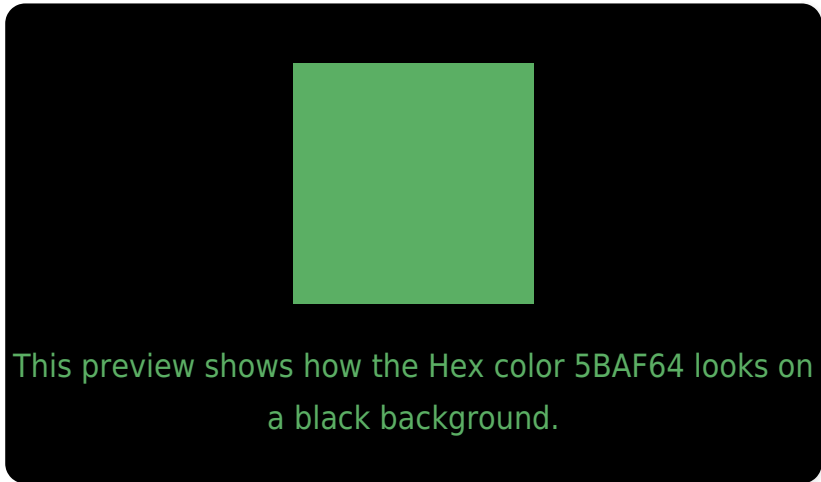
Large Text (above 18pt) WCAG AA × Fail

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

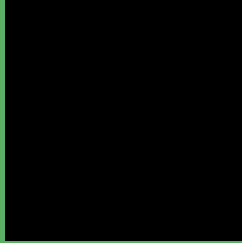
Any Text WCAG AA ✓ Pass

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 5BAF64 Background



This preview shows how black text looks on a background with the Hex color 5BAF64.

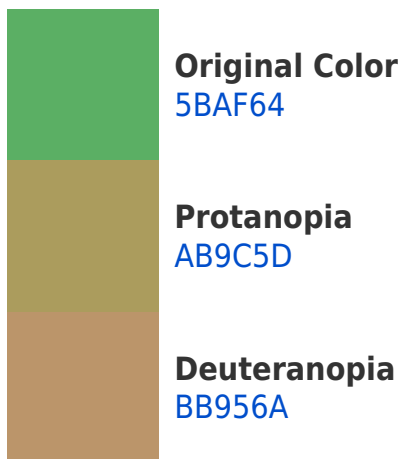


This preview shows how white text looks on a background with the Hex color 5BAF64.

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](#).

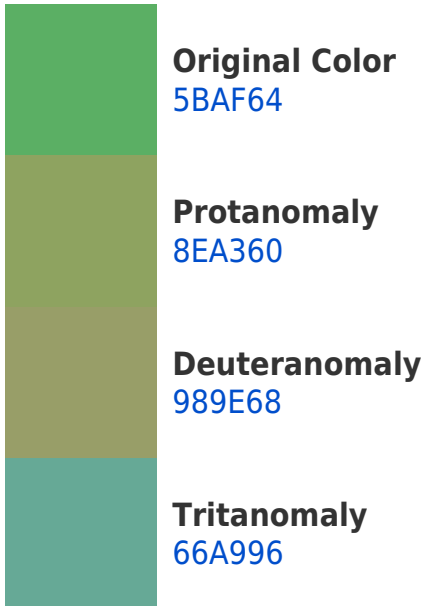
Dichromacy



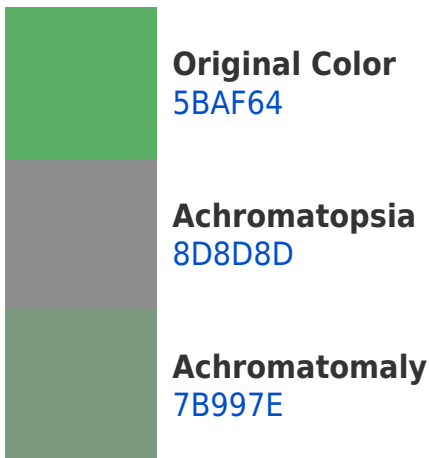


Tritanopia
6CA6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BAF64 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 #5BAF64 looks like.

```
.text, #text, p{  
    color:#5BAF64  
}
```

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 #5BAF64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BAF64
}
```

Border

The CSS property to change the border of an element to Hex 5BAF64 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
#5BAF64 }
```

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

```
.border{ border-color:#5BAF64 }
```

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

Here you see how a box with a 4 pixel #5BAF64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BAF64; -webkit-box-shadow:4px 4px  
4px 4px #5BAF64; box-shadow:4px 4px 4px  
4px #5BAF64 }
```

Background

The CSS property to change the background color of an element to Hex 5BAF64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BAF64 }
```

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

```
.background{ background-color:#5BAF64 }
```

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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