

Converting Colors

Hex(5BAE5B)

Have a look what the booklet for
Hex(5BAE5B) contains.

Hex(5BAE5B)	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(5BAE5B)

Conversions

Conversions Part 1

Format	Color
Hex	5BAE5B
RGB	91, 174, 91
RGB Percent	36%, 68%, 36%
CMY	0.6431, 0.3176, 0.6431
CMYK	0.48, 0.00, 0.48, 0.32
HSL	120°, 34%, 52%
HSV	120°, 48%, 68%
XYZ	21.3388, 33.2516, 15.1911
YIQ	139.7210, -22.8250, -43.4090

Conversions

Conversions Part 2

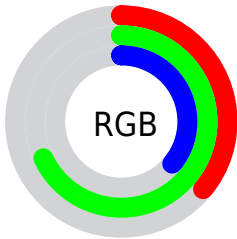
Format	Color
RYB	91, 174, 174
Decimal	6008411
CIELab	64.36, -42.51, 34.83
CIELCh	64, 54.955, 140.672
Yxy	33.2516, 0.3058, 0.4765
Android (android.graphics.Color)	4284198491 (0xFF5BAE5B)
YUV	139.7210, -24.0195, -42.7283
Hunter-Lab	57.6642, -34.8580, 24.7456

Details

The Hex color **5BAE5B** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **AE5BAE**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **92E68F**, and **21792A** is the 20% darker color. If you saturate the color by 10%, you get **4AAE4A**, and if you desaturate by 10%, it is **6CAE6C**.

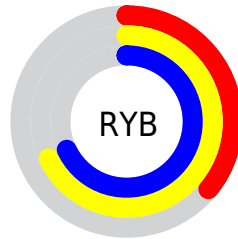
Distribution



Red (36%)

Green (68%)

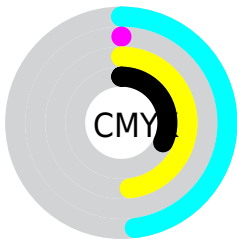
Blue (36%)



Red (36%)

Yellow (68%)

Blue (68%)

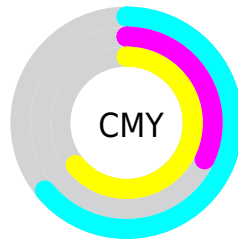


Cyan (48%)

Magenta (0%)

Yellow (48%)

Black (32%)



Cyan (64%)

Magenta (32%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BAE5B 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 5BAE5B by changing the saturation by 10% instead.

 5BAE5B

 5BAE5B

FFFFFF

 3F9342

 92E68F

 21792A

 AEFFA9

 005F11

 CBFFC5

 004700

 E8FFE1

 003000

FFFFFFE

 001800

 000000

 5BAE5B

 5BAE5B

 4AAE4A

 6CAE6C

 38AE38

 7EAE7E

 27AE27

 8FAE8F

 15AE15

 A1AEA1

 04AE04

 B2AEB2

 00AE00

 C3AEC3

 D5AED5

 E6AEE6

 F8AEF8

Harmonies

Analogous

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



96A43A



5BAE5B



00B38B

Triad

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



5BAE5B



00A6FD



F6727C

Complementary

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



5BAE5B



AE5BAE

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.



EE72AE



5BAE5B



8495F8

Square

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



5BAE5B



00B0E7



C981DB



E68151

Rectangle

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



5BAE5B



00B4AD



C981DB



F7708C

Sweetspot

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



5BAE5B



C3E3C3



AEAE5B



5F735F



F2F2F2



737373

Same Dimension

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



5BAE5B



62E362



5BAE85



4E574E



009600



001700

Inverse Universe

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



AE5BAE



E362E3



AE5B85



574E57



960096



170017

Previews

White Background



This preview shows how the Hex color 5BAE5B looks on a white background.

Color Contrast Check

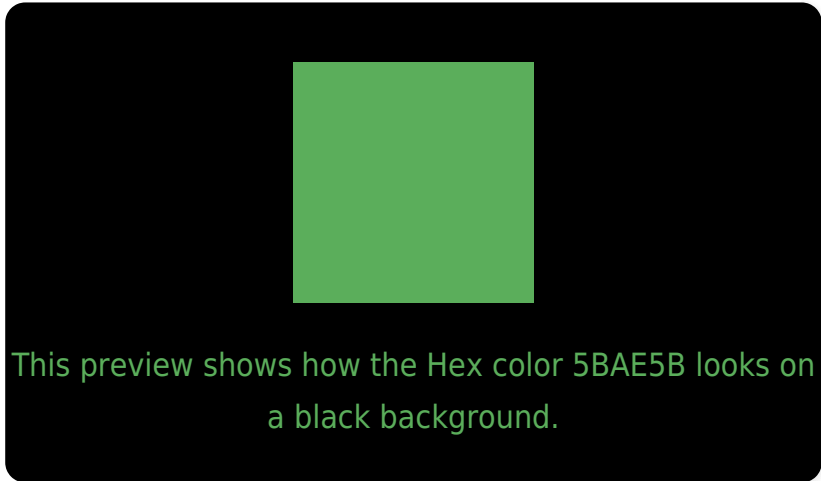
Large Text (above 18pt) WCAG AA × Fail

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 5BAE5B Background



This preview shows how black text looks on a background with the Hex color 5BAE5B.

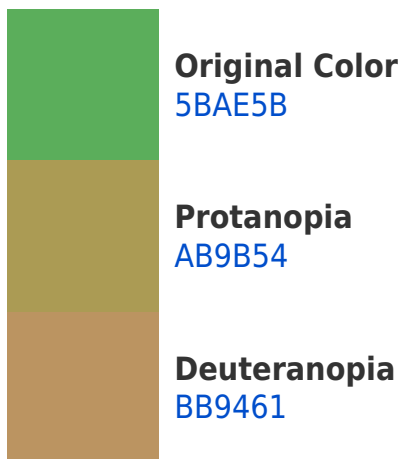


This preview shows how white text looks on a background with the Hex color 5BAE5B.

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
6DA4B2

Trichromacy



Original Color
5BAE5B



Protanomaly
8EA257



Deuteranomaly
989D5F



Tritanomaly
66A892

Monochromacy



Original Color
5BAE5B



Achromatopsia
8C8C8C



Achromatomaly
7A987A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5BAE5B 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 #5BAE5B looks like.

```
.text, #text, p{  
    color:#5BAE5B  
}
```

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 #5BAE5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BAE5B
}
```

Border

The CSS property to change the border of an element to Hex 5BAE5B 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
#5BAE5B }
```

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

```
.border{ border-color:#5BAE5B }
```

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

Here you see how a box with a 4 pixel #5BAE5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BAE5B; -webkit-box-shadow:4px 4px  
4px 4px #5BAE5B; box-shadow:4px 4px 4px  
4px #5BAE5B }
```

Background

The CSS property to change the background color of an element to Hex 5BAE5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BAE5B }
```

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

```
.background{ background-color:#5BAE5B }
```

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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