

Converting Colors

Hex(5AB15B)

Have a look what the booklet for
Hex(5AB15B) contains.

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Color

Hex(5AB15B)

Conversions

Conversions Part 1

Format	Color
Hex	5AB15B
RGB	90, 177, 91
RGB Percent	35%, 69%, 36%
CMY	0.6471, 0.3059, 0.6431
CMYK	0.49, 0.00, 0.49, 0.31
HSL	121°, 36%, 52%
HSV	121°, 49%, 69%
XYZ	21.8269, 34.3733, 15.3818
YIQ	141.1830, -24.2460, -45.1900

Conversions

Conversions Part 2

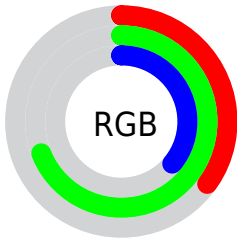
Format	Color
RYB	90, 176, 177
Decimal	5943643
CIELab	65.26, -44.06, 35.94
CIELCh	65, 56.858, 140.799
Yxy	34.3733, 0.3049, 0.4802
Android (android.graphics.Color)	4284133723 (0xFF5AB15B)
YUV	141.1830, -24.7402, -44.8875
Hunter-Lab	58.6287, -36.1464, 25.4848

Details

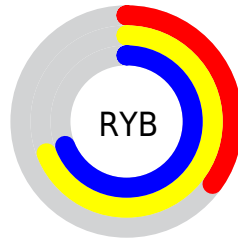
The Hex color **5AB15B** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B15AB0**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **92E98F**, and **1E7B2A** is the 20% darker color. If you saturate the color by 10%, you get **48B14A**, and if you desaturate by 10%, it is **6CB16C**.

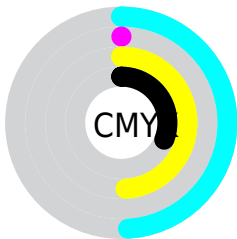
Distribution



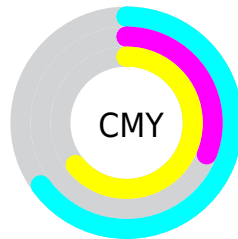
- Red (35%)
- Green (69%)
- Blue (36%)



- Red (35%)
- Yellow (69%)
- Blue (69%)



- Cyan (49%)
- Magenta (0%)
- Yellow (49%)
- Black (31%)



- Cyan (65%)
- Magenta (31%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AB15B 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 5AB15B by changing the saturation by 10% instead.


 5AB15B

 5AB15B


FFFFFF

 3E9642

 92E98F

 1E7B2A

 AEFFAA

 006211

 CAFFC5

 004900

 E8FFE2

 003200

FFFFFFE

 001B00

 000000

 5AB15B

 5AB15B

 48B14A

 6CB16C

 37B138

 7DB17E

 25B127

 8FB18F

 13B115

 A1B1A1

 01B104

 B3B1B2

 00B102

 C4B1C4

 D6B1D5

 E8B1E7

 F9B1F8

Harmonies

Analogous

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



98A638



5AB15B



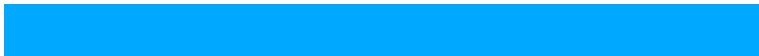
00B68C

Triad

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



5AB15B



00A9FF



FC737D

Complementary

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



5AB15B



B15AB0

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.



F372B0



5AB15B



8597FE

Square

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



5AB15B



00B3EC



CD82DF



EB8351

Rectangle

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



5AB15B



00B7B0



CD82DF



FC718E

Sweetspot

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



5AB15B



C3E6C3



B1B15A



5E735E



F2F2F2



737373

Same Dimension

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



5AB15B



5EE660



5AB186



505950



009902



001A00

Inverse Universe

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



B15AB0



E65EE4



B15A86



595059



990097



1A0019

Previews

White Background



This preview shows how the Hex color 5AB15B looks on a white background.

Color Contrast Check

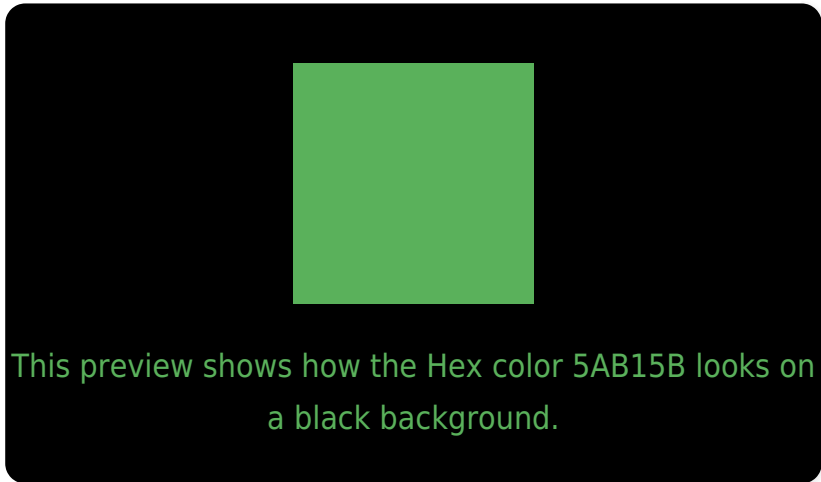
Large Text (above 18pt) WCAG AA × Fail

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

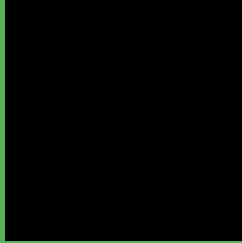
Any Text WCAG AA ✓ Pass

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 5AB15B Background



This preview shows how black text looks on a background with the Hex color 5AB15B.

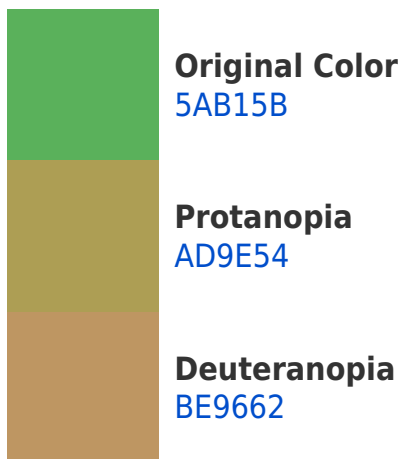


This preview shows how white text looks on a background with the Hex color 5AB15B.

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](#).

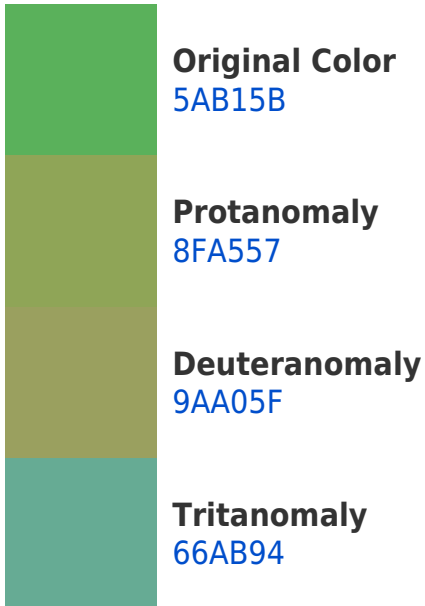
Dichromacy



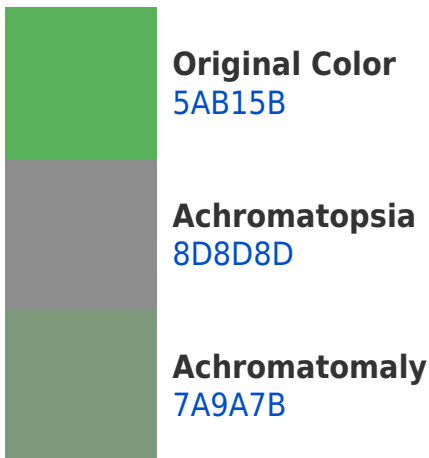


Tritanopia
6DA7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5AB15B 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 #5AB15B looks like.

```
.text, #text, p{  
    color:#5AB15B  
}
```

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 #5AB15B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AB15B
}
```

Border

The CSS property to change the border of an element to Hex 5AB15B 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
#5AB15B }
```

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

```
.border{ border-color:#5AB15B }
```

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

Here you see how a box with a 4 pixel #5AB15B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AB15B; -webkit-box-shadow:4px 4px  
4px 4px #5AB15B; box-shadow:4px 4px 4px  
4px #5AB15B }
```

Background

The CSS property to change the background color of an element to Hex 5AB15B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AB15B }
```

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

```
.background{ background-color:#5AB15B }
```

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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