

Converting Colors

Hex(5AAB38)

Have a look what the booklet for
Hex(5AAB38) contains.

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Color

Hex(5AAB38)

Conversions

Conversions Part 1

Format	Color
Hex	5AAB38
RGB	90, 171, 56
RGB Percent	35%, 67%, 22%
CMY	0.6471, 0.3294, 0.7804
CMYK	0.47, 0.00, 0.67, 0.33
HSL	102°, 51%, 45%
HSV	102°, 67%, 67%
XYZ	19.4932, 31.5850, 8.8105
YIQ	133.6710, -11.3610, -52.9370

Conversions

Conversions Part 2

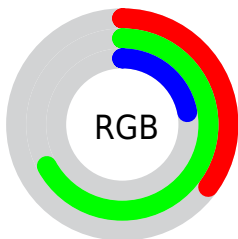
Format	Color
RYB	56, 171, 137
Decimal	5942072
CIELab	63.00, -45.65, 49.70
CIELCh	63, 67.482, 132.568
Yxy	31.5850, 0.3255, 0.5274
Android (android.graphics.Color)	4284132152 (0xFF5AAB38)
YUV	133.6710, -38.2918, -38.2995
Hunter-Lab	56.2005, -36.4382, 30.0455

Details

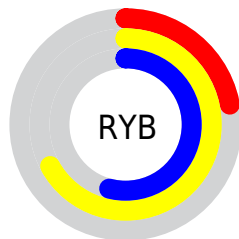
The Hex color **5AAB38** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8938AB**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **92E36C**, and **1D7600** is the 20% darker color. If you saturate the color by 10%, you get **4EAB27**, and if you desaturate by 10%, it is **66AB49**.

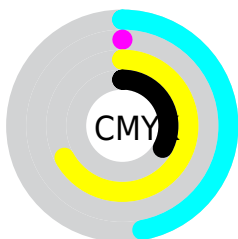
Distribution



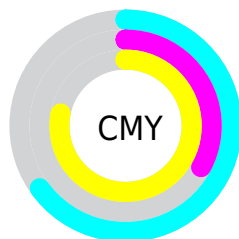
- Red (35%)
- Green (67%)
- Blue (22%)



- Red (22%)
- Yellow (67%)
- Blue (54%)



- Cyan (47%)
- Magenta (0%)
- Yellow (67%)
- Black (33%)



- Cyan (65%)
- Magenta (33%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AAB38 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 5AAB38 by changing the saturation by 10% instead.

 5AAB38

 5AAB38

FFFFFF

 3D901C

 92E36C

 1D7600

 AFFF87

 005C00

 CBFFA2

 004400

 E9FFBE

 002E00

 FFFFDB

 001200

 FFFFF8

 000000

 5AAB38

 5AAB38

 4EAB27

 66AB49

 42AB16

 72AB5A

 36AB05

 7EAB6B

 33AB00

 8AAB7C

 96AB8D

 A2AB9F

 AEABB0

 BAABC1

 C6ABD2

Harmonies

Analogous

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



9E9E01



5AAB38



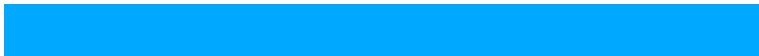
00B272

Triad

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



5AAB38



00A9FF



FF5C82

Complementary

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



5AAB38



8938AB

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.



F263BE



5AAB38



4597FF

Square

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



5AAB38



00B2E9



BB7DF2



F76F4A

Rectangle

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



5AAB38



00B49C



BB7DF2



FF5B96

Sweetspot

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



5AAB38



BFDEB1



AB8838



5D7055



F0F0F0



707070

Same Dimension

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



5AAB38



5FDE2A



38AB4F



51574E



2C9600



071700

Inverse Universe

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



8938AB



A92ADE



AB3894



544E57



6A0096



100017

Previews

White Background



This preview shows how the Hex color 5AAB38 looks on a white background.

Color Contrast Check

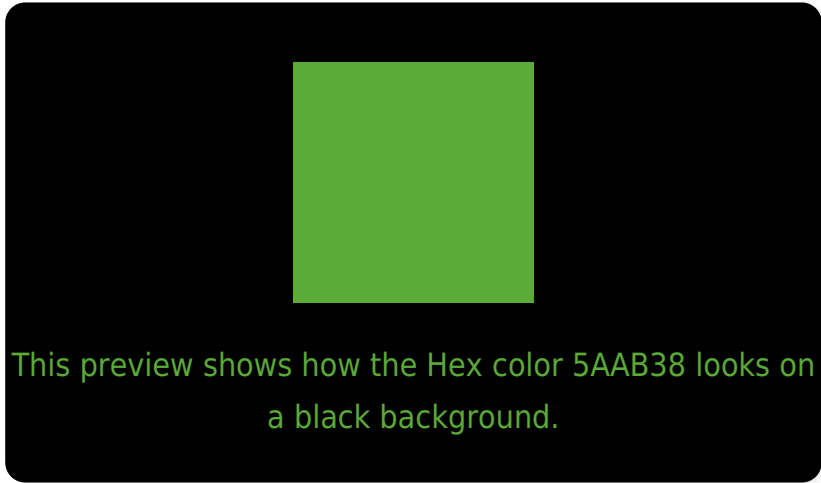
Large Text (above 18pt) WCAG AA × Fail

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 5AAB38 Background



This preview shows how black text looks on a background with the Hex color 5AAB38.

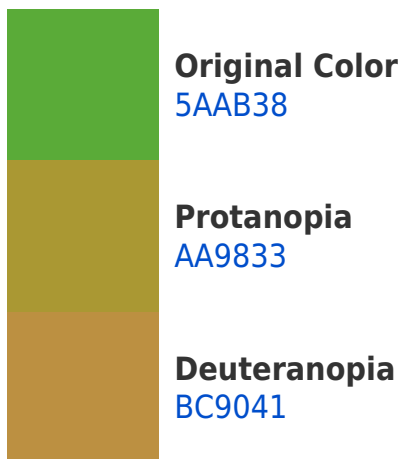


This preview shows how white text looks on a background with the Hex color 5AAB38.

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](#).

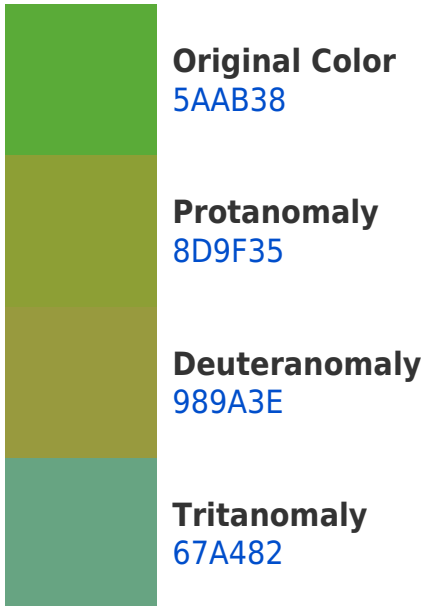
Dichromacy



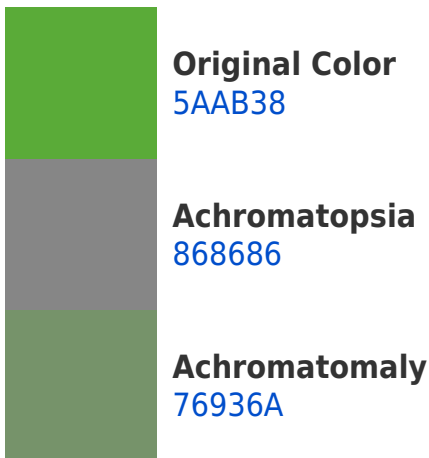


Tritanopia
6EA0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5AAB38 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 #5AAB38 looks like.

```
.text, #text, p{  
    color:#5AAB38  
}
```

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 #5AAB38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AAB38
}
```

Border

The CSS property to change the border of an element to Hex 5AAB38 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
#5AAB38 }
```

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

```
.border{ border-color:#5AAB38 }
```

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

Here you see how a box with a 4 pixel #5AAB38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AAB38; -webkit-box-shadow:4px 4px  
4px 4px #5AAB38; box-shadow:4px 4px 4px  
4px #5AAB38 }
```

Background

The CSS property to change the background color of an element to Hex 5AAB38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AAB38 }
```

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

```
.background{ background-color:#5AAB38 }
```

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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