

Converting Colors

Hex(5AA308)

Have a look what the booklet for
Hex(5AA308) contains.

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Color

Hex(5AA308)

Conversions

Conversions Part 1

Format	Color
Hex	5AA308
RGB	90, 163, 8
RGB Percent	35%, 64%, 3%
CMY	0.6471, 0.3608, 0.9686
CMYK	0.45, 0.00, 0.95, 0.36
HSL	88°, 91%, 34%
HSV	88°, 95%, 64%
XYZ	17.3575, 28.3856, 4.7939
YIQ	123.5030, 6.2470, -63.6810

Conversions

Conversions Part 2

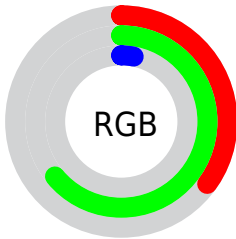
Format	Color
R_{YB}	8, 163, 81
Decimal	5939976
CIE Lab	60.24, -44.93, 60.82
CIE LCh	60, 75.613, 126.454
Yxy	28.3856, 0.3435, 0.5617
Android (android.graphics.Color)	4284130056 (0xFF5AA308)
YUV	123.5030, -56.9430, -29.3821
Hunter-Lab	53.2781, -35.0832, 31.9599

Details

The Hex color **5AA308** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5108A3**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **93DB4C**, and **1C6E00** is the 20% darker color. If you saturate the color by 10%, you get **56A300**, and if you desaturate by 10%, it is **62A318**.

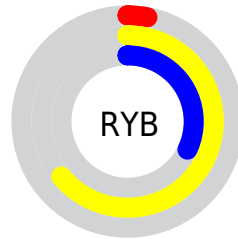
Distribution



Red (35%)

Green (64%)

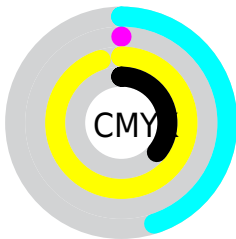
Blue (3%)



Red (3%)

Yellow (64%)

Blue (32%)

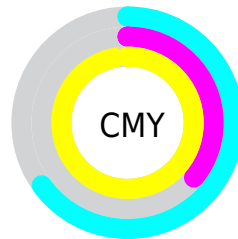


Cyan (45%)

Magenta (0%)

Yellow (95%)

Black (36%)



Cyan (65%)

Magenta (36%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AA308 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 5AA308 by changing the saturation by 10% instead.



5AA308



5AA308

FFFFFF



3D8800



93DB4C



1C6E00



AFF767



005500



CCFF83



003D00



EAFF9F



002900



FFFFBB



000200



FFFFD8



000000



FFFFF5



5AA308



5AA308

■ 56A300

■ 62A318

■ 69A329

■ 71A339

■ 79A349

■ 80A359

■ 88A36A

■ 90A37A

■ 97A38A

■ 9FA39B

Harmonies

Analogous

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



A29300



5AA308



00AC58

Triad

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



5AA308



00A6FF



FF4486

Complementary

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



5AA308



5108A3

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.



EB56C8



5AA308



0095FF

Square

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



5AA308



00AEDF



A378FD



FC5945

Rectangle

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



5AA308



00AE87



A378FD



FF469C

Sweetspot

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



5AA308



B7D496



A35008



596B46



EBEBEB



6B6B6B

Same Dimension

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



5AA308



70D400



0DA308



4E5249



4D9100



091200

Inverse Universe

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



5108A3



6400D4



9E08A3



4D4952



440091



080012

Previews

White Background



This preview shows how the Hex color 5AA308 looks on a white background.

Color Contrast Check

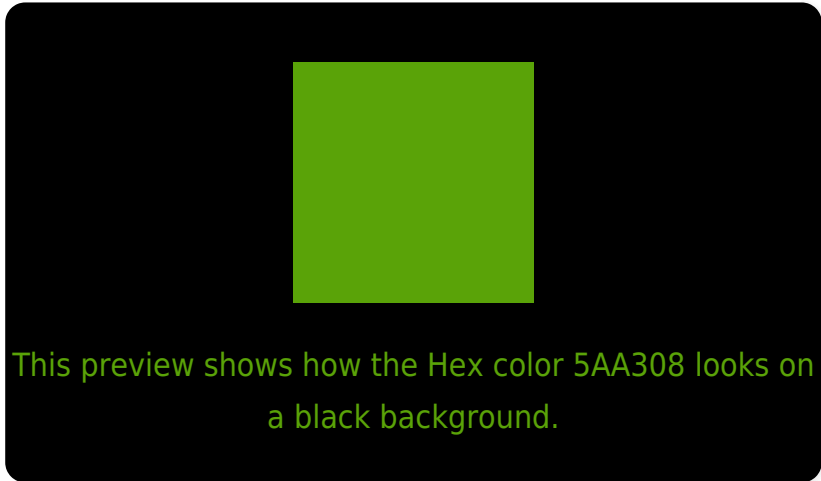
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5AA308 Background



This preview shows how black text looks on a background with the Hex color 5AA308.

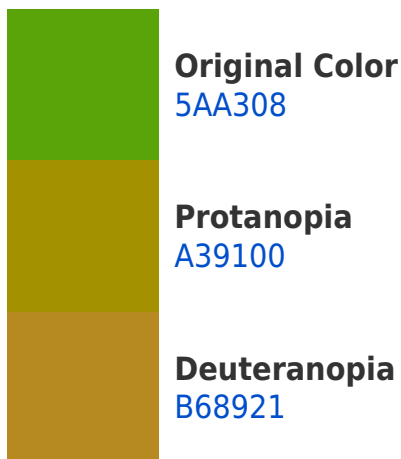


This preview shows how white text looks on a background with the Hex color 5AA308.

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
6E98A4

Trichromacy



Original Color
5AA308

Protanomaly
889803

Deuteranomaly
959218

Tritanomaly
679C6B

Monochromacy



Original Color
5AA308

Achromatopsia
7C7C7C

Achromatomaly
708A52

CSS Examples

Text

The CSS property to change the color of the text to Hex 5AA308 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 #5AA308 looks like.

```
.text, #text, p{  
    color:#5AA308  
}
```

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 #5AA308 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AA308
}
```

Border

The CSS property to change the border of an element to Hex 5AA308 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".

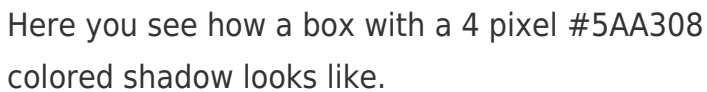
```
.border, #border, table{ border:4px solid
#5AA308 }
```

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

```
.border{ border-color:#5AA308 }
```

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

Here you see how a box with a 4 pixel #5AA308 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AA308; -webkit-box-shadow:4px 4px  
4px 4px #5AA308; box-shadow:4px 4px 4px  
4px #5AA308 }
```

Background

The CSS property to change the background color of an element to Hex 5AA308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AA308 }
```

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

```
.background{ background-color:#5AA308 }
```

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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