

Converting Colors

Hex(5A8314)

Have a look what the booklet for
Hex(5A8314) contains.

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Color

Hex(5A8314)

Conversions

Conversions Part 1

Format	Color
Hex	5A8314
RGB	90, 131, 20
RGB Percent	35%, 51%, 8%
CMY	0.6471, 0.4863, 0.9216
CMYK	0.31, 0.00, 0.85, 0.49
HSL	82°, 74%, 30%
HSV	82°, 85%, 51%
XYZ	12.4590, 18.4568, 3.5677
YIQ	106.0870, 11.1950, -43.2130

Conversions

Conversions Part 2

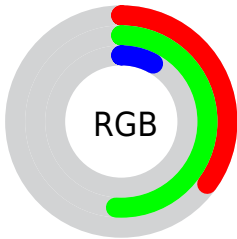
Format	Color
RYB	20, 131, 61
Decimal	5931796
CIELab	50.05, -30.69, 49.87
CIElCh	50, 58.558, 121.605
Yxy	18.4568, 0.3613, 0.5352
Android (android.graphics.Color)	4284121876 (0xFF5A8314)
YUV	106.0870, -42.4409, -14.1083
Hunter-Lab	42.9613, -23.4164, 25.1493

Details

The Hex color **5A8314** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **3D1483**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **90B84B**, and **265100** is the 20% darker color. If you saturate the color by 10%, you get **558307**, and if you desaturate by 10%, it is **5F8321**.

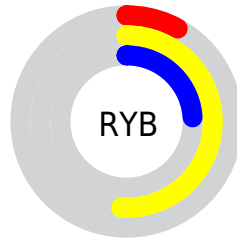
Distribution



Red (35%)

Green (51%)

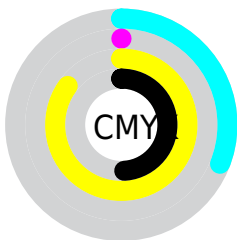
Blue (8%)



Red (8%)

Yellow (51%)

Blue (24%)

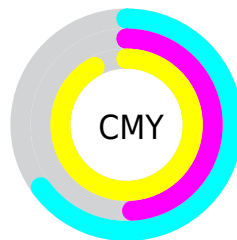


Cyan (31%)

Magenta (0%)

Yellow (85%)

Black (49%)



Cyan (65%)

Magenta (49%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A8314 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 5A8314 by changing the saturation by 10% instead.



5A8314



5A8314

FFFFFF



406A00



90B84B



265100



ACD465



053A00



C8F080



002500



E5FF9B



000000



FFFFB7



FFFFD3



FFFFF0



5A8314



5A8314

■ 558307

■ 5F8321

■ 538300

■ 64832E

■ 69833B

■ 6D8348

■ 728356

■ 778363

■ 7C8370

■ 81837D

■ 86838A

Harmonies

Analogous

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



8C7600



5A8314



008B45

Triad

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



5A8314



0088CE



CE4377

Complementary

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



5A8314



3D1483

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.



B551A7



5A8314



007CDB

Square

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



5A8314



008DAA



7969CD



CB4D46

Rectangle

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



5A8314



008D67



7969CD



C94587

Sweetspot

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



5A8314



9BAB80



833D14



4D573D



D6D6D6



575757

Same Dimension

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



5A8314



6CAB00



238314



40423C



528200



020300

Inverse Universe

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



3D1483



3F00AB



741483



3E3C42



300082



010003

Previews

White Background



This preview shows how the Hex color 5A8314 looks on a white background.

Color Contrast Check

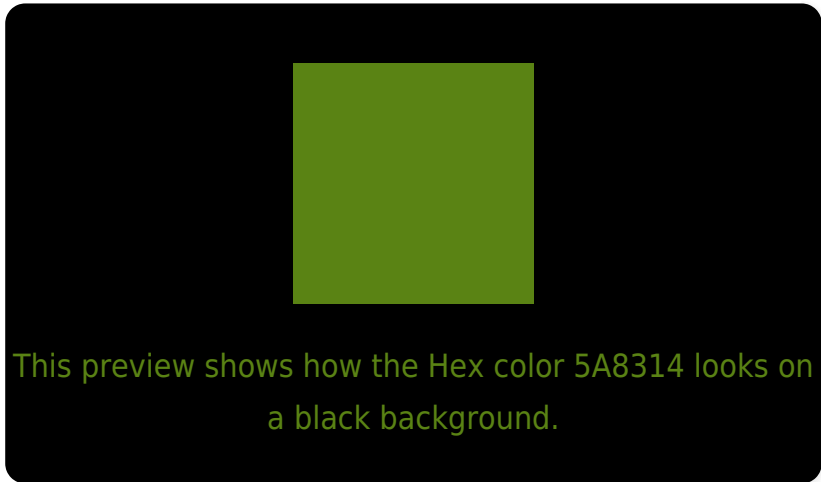
Large Text (above 18pt) WCAG AA ✓ Pass

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 5A8314 Background



This preview shows how black text looks on a background with the Hex color 5A8314.



This preview shows how white text looks on a background with the Hex color 5A8314.

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



Original Color
5A8314

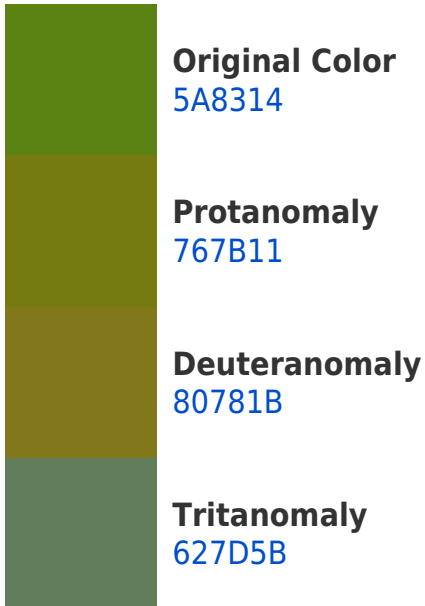
Protanopia
867710

Deuteranopia
95711F

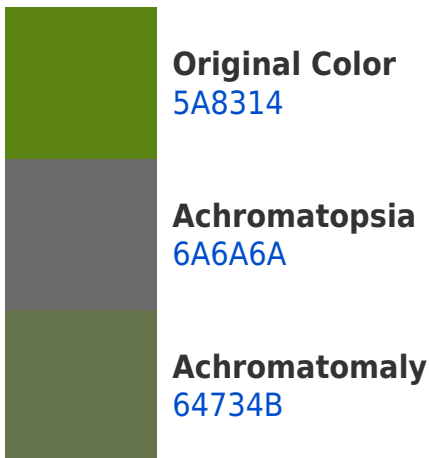


Tritanopia
677A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A8314 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 #5A8314 looks like.

```
.text, #text, p{  
    color:#5A8314  
}
```

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 #5A8314 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A8314
}
```

Border

The CSS property to change the border of an element to Hex 5A8314 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".

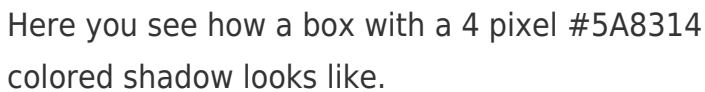
```
.border, #border, table{ border:4px solid
#5A8314 }
```

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

```
.border{ border-color:#5A8314 }
```

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

Here you see how a box with a 4 pixel #5A8314 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A8314; -webkit-box-shadow:4px 4px  
4px 4px #5A8314; box-shadow:4px 4px 4px  
4px #5A8314 }
```

Background

The CSS property to change the background color of an element to Hex 5A8314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A8314 }
```

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

```
.background{ background-color:#5A8314 }
```

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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