

Converting Colors

Hex(5E8113)

Have a look what the booklet for
Hex(5E8113) contains.

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Color

Hex(5E8113)

Conversions

Conversions Part 1

Format	Color
Hex	5E8113
RGB	94, 129, 19
RGB Percent	37%, 51%, 7%
CMY	0.6314, 0.4941, 0.9255
CMYK	0.27, 0.00, 0.85, 0.49
HSL	79°, 74%, 29%
HSV	79°, 85%, 51%
XYZ	12.5839, 18.1272, 3.4518
YIQ	105.9950, 14.4500, -41.6300

Conversions

Conversions Part 2

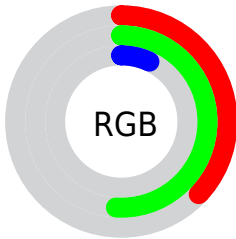
Format	Color
RYB	19, 129, 54
Decimal	6193427
CIELab	49.65, -28.14, 49.89
CIElCh	50, 57.279, 119.422
Yxy	18.1272, 0.3684, 0.5306
Android (android.graphics.Color)	4284383507 (0xFF5E8113)
YUV	105.9950, -42.8885, -10.5196
Hunter-Lab	42.5761, -21.7502, 24.9964

Details

The Hex color **5E8113** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **361381**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **94B64A**, and **2B4F00** is the 20% darker color. If you saturate the color by 10%, you get **5A8106**, and if you desaturate by 10%, it is **628120**.

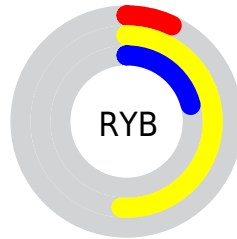
Distribution



Red (37%)

Green (51%)

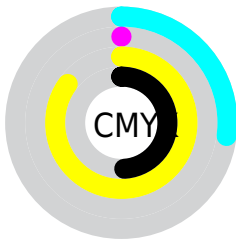
Blue (7%)



Red (7%)

Yellow (51%)

Blue (21%)

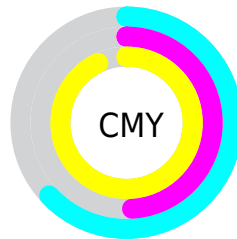


Cyan (27%)

Magenta (0%)

Yellow (85%)

Black (49%)



Cyan (63%)

Magenta (49%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E8113 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 5E8113 by changing the saturation by 10% instead.



5E8113



5E8113

FFFFFF



446800



94B64A



2B4F00



B0D264



0D3800



CCEE7F



002300



E9FF9A



000000



FFFFB6



FFFFD2



FFFFEF



5E8113



5E8113

■ 5A8106

■ 628120

■ 588100

■ 66812D

■ 6A813A

■ 6E8147

■ 738154

■ 778160

■ 7B816D

■ 7F817A

■ 838187

Harmonies

Analogous

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



8E7400



5E8113



008942

Triad

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



5E8113



0087C9



CA4479

Complementary

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



5E8113



361381

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.



AF53A8



5E8113



007CD8

Square

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



5E8113



008CA5



7269CB



CA4C49

Rectangle

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



5E8113



008C63



7269CB



C54789

Sweetspot

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



5E8113



9AA87D



813613



4C543A



D4D4D4



545454

Same Dimension

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



5E8113



73A800



278113



3E4039



578000



000000

Inverse Universe

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



361381



3600A8



6D1381



3B3940



290080



000000

Previews

White Background



This preview shows how the Hex color 5E8113 looks on a white 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

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 5E8113 Background



This preview shows how black text looks on a background with the Hex color 5E8113.



This preview shows how white text looks on a background with the Hex color 5E8113.

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
5E8113

Protanopia
857610

Deuteranopia
94701E

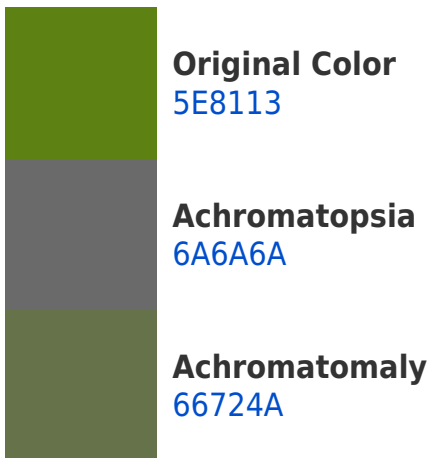


Tritanopia
6A7882

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5E8113 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 #5E8113 looks like.

```
.text, #text, p{  
    color:#5E8113  
}
```

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 #5E8113 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E8113
}
```

Border

The CSS property to change the border of an element to Hex 5E8113 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
#5E8113 }
```

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

```
.border{ border-color:#5E8113 }
```

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

Here you see how a box with a 4 pixel #5E8113 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E8113; -webkit-box-shadow:4px 4px  
4px 4px #5E8113; box-shadow:4px 4px 4px  
4px #5E8113 }
```

Background

The CSS property to change the background color of an element to Hex 5E8113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E8113 }
```

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

```
.background{ background-color:#5E8113 }
```

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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