

Converting Colors

Hex(5E8B0A)

Have a look what the booklet for
Hex(5E8B0A) contains.

Hex(5E8B0A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5E8B0A)

Conversions

Conversions Part 1

Format	Color
Hex	5E8B0A
RGB	94, 139, 10
RGB Percent	37%, 55%, 4%
CMY	0.6314, 0.4549, 0.9608
CMYK	0.32, 0.00, 0.93, 0.45
HSL	81°, 87%, 29%
HSV	81°, 93%, 55%
XYZ	13.9035, 20.8668, 3.5821
YIQ	110.8390, 14.5890, -49.6590

Conversions

Conversions Part 2

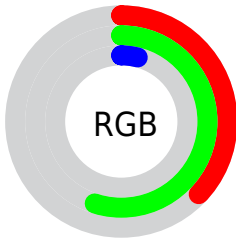
Format	Color
RYB	10, 139, 55
Decimal	6195978
CIELab	52.80, -33.12, 54.54
CIELCh	53, 63.808, 121.265
Yxy	20.8668, 0.3625, 0.5441
Android (android.graphics.Color)	4284386058 (0xFF5E8B0A)
YUV	110.8390, -49.7136, -14.7678
Hunter-Lab	45.6802, -25.6111, 27.3269

Details

The Hex color **5E8B0A** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **370A8B**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **95C148**, and **295800** is the 20% darker color. If you saturate the color by 10%, you get **5B8B00**, and if you desaturate by 10%, it is **638B18**.

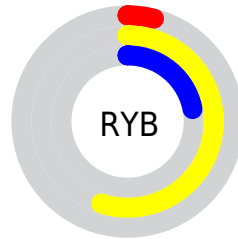
Distribution



Red (37%)

Green (55%)

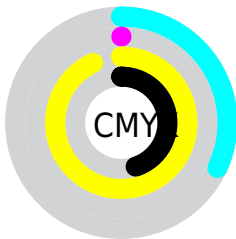
Blue (4%)



Red (4%)

Yellow (55%)

Blue (22%)

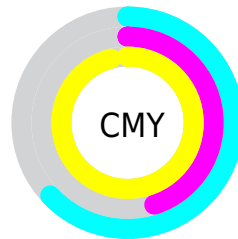


Cyan (32%)

Magenta (0%)

Yellow (93%)

Black (45%)



Cyan (63%)

Magenta (45%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E8B0A 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 5E8B0A by changing the saturation by 10% instead.



5E8B0A



5E8B0A

FFFFFF



437100



95C148



295800



B1DD62



064100



CDF97D



002A00



EAFF98



001100



FFFFB4



000000



FFFFD1



FFFFED



5E8B0A



5E8B0A

■ 5B8B00

■ 638B18

■ 688B26

■ 6D8B34

■ 718B42

■ 768B4F

■ 7B8B5D

■ 808B6B

■ 858B79

■ 8A8B87

Harmonies

Analogous

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



957C00



5E8B0A



009346

Triad

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



5E8B0A



0091DE



DD437E

Complementary

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



5E8B0A



370A8B

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.



C153B4



5E8B0A



0084EC

Square

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



5E8B0A



0096B6



7E6EDD



DA4E49

Rectangle

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



5E8B0A



00966C



7E6EDD



D74691

Sweetspot

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



5E8B0A



A3B582



8B350A



515C3D



DBDBDB



5C5C5C

Same Dimension

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



5E8B0A



76B500



1F8B0A



42453E



568500



030500

Inverse Universe

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



370A8B



3F00B5



760A8B



403E45



2E0085



020005

Previews

White Background



This preview shows how the Hex color 5E8B0A looks on a white background.

Color Contrast Check

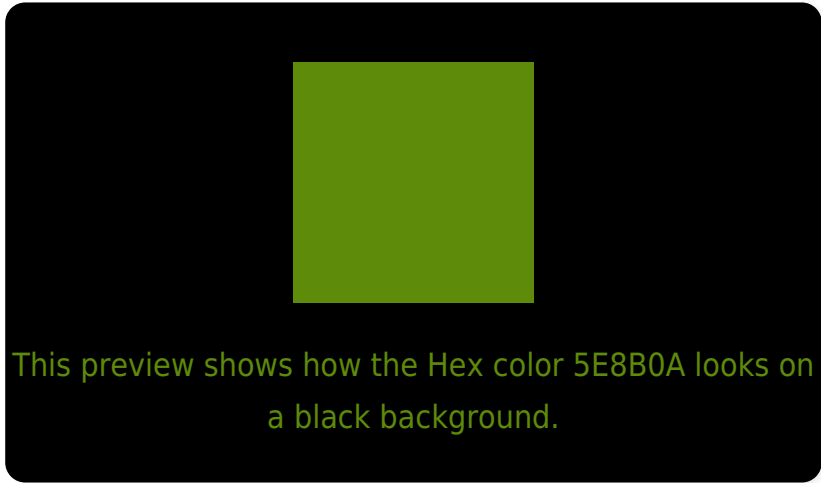
Large Text (above 18pt) WCAG AA ✓ Pass

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 5E8B0A Background



This preview shows how black text looks on a background with the Hex color 5E8B0A.



This preview shows how white text looks on a background with the Hex color 5E8B0A.

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
5E8B0A

Protanopia
8E7E00

Deuteranopia
9E771C



Tritanopia
6C818C

Trichromacy



Original Color
5E8B0A

Protanomaly
7D8304

Deuteranomaly
877E15

Tritanomaly
67855D

Monochromacy



Original Color
5E8B0A

Achromatopsia
6F6F6F

Achromatomaly
69794A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E8B0A 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 #5E8B0A looks like.

```
.text, #text, p{  
    color:#5E8B0A  
}
```

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 #5E8B0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E8B0A
}
```

Border

The CSS property to change the border of an element to Hex 5E8B0A 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
#5E8B0A }
```

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

```
.border{ border-color:#5E8B0A }
```

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

Here you see how a box with a 4 pixel #5E8B0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E8B0A; -webkit-box-shadow:4px 4px  
4px 4px #5E8B0A; box-shadow:4px 4px 4px  
4px #5E8B0A }
```

Background

The CSS property to change the background color of an element to Hex 5E8B0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E8B0A }
```

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

```
.background{ background-color:#5E8B0A }
```

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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