

Converting Colors

Hex(5E7822)

Have a look what the booklet for
Hex(5E7822) contains.

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Color

Hex(5E7822)

Conversions

Conversions Part 1

Format	Color
Hex	5E7822
RGB	94, 120, 34
RGB Percent	37%, 47%, 13%
CMY	0.6314, 0.5294, 0.8667
CMYK	0.22, 0.00, 0.72, 0.53
HSL	78°, 56%, 30%
HSV	78°, 72%, 47%
XYZ	11.6213, 15.9281, 3.9753
YIQ	102.4220, 12.1100, -32.2580

Conversions

Conversions Part 2

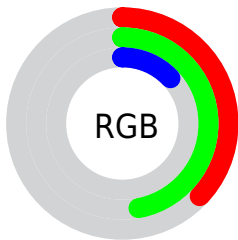
Format	Color
RYB	34, 120, 60
Decimal	6191138
CIELab	46.88, -22.87, 42.07
CIElCh	47, 47.880, 118.531
Yxy	15.9281, 0.3686, 0.5053
Android (android.graphics.Color)	4284381218 (0xFF5E7822)
YUV	102.4220, -33.7320, -7.3861
Hunter-Lab	39.9100, -17.8657, 22.0314

Details

The Hex color **5E7822** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3C2278**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **93AC54**, and **2C4700** is the 20% darker color. If you saturate the color by 10%, you get **5A7816**, and if you desaturate by 10%, it is **62782E**.

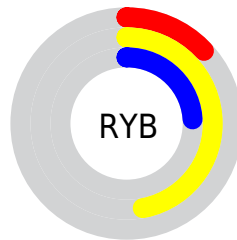
Distribution



Red (37%)

Green (47%)

Blue (13%)



Red (13%)

Yellow (47%)

Blue (24%)

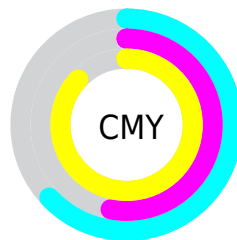


Cyan (22%)

Magenta (0%)

Yellow (72%)

Black (53%)



Cyan (63%)

Magenta (53%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E7822 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 5E7822 by changing the saturation by 10% instead.



5E7822



5E7822

FFFFFF



455F04



93AC54



2C4700



AEC86E



133100



CAE488



001E00



E7FFA3



000000



FFFFBE



FFFFDB



FFFFF7



5E7822



5E7822

■ 5A7816

■ 62782E

■ 57780A

■ 65783A

■ 547800

■ 697846

■ 6D7852

■ 70785E

■ 74786A

■ 777876

■ 7B7882

■ 7F788E

Harmonies

Analogous

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



866C16



5E7822



227F43

Triad

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



5E7822



007EB3



B54973

Complementary

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



5E7822



3C2278

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.



9E549A



5E7822



0074C0

Square

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



5E7822



008294



6C65B6



B64E4B

Rectangle

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



5E7822



00815E



6C65B6



B04B80

Sweetspot

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



5E7822



919C79



783C22



494F3A



CFCFCF



4F4F4F

Same Dimension

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



5E7822



739C16



337822



3B3D37



577D00



B0FC00

Inverse Universe

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



3C2278



3E169C



672278



39373D



26007D



4C00FC

Previews

White Background



This preview shows how the Hex color 5E7822 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

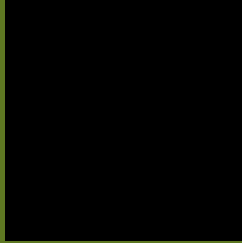
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 5E7822 Background



This preview shows how black text looks on a background with the Hex color 5E7822.



This preview shows how white text looks on a background with the Hex color 5E7822.

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
5E7822

Protanopia
7C6F20

Deuteranopia
8A6928



Tritanopia
687079

Trichromacy



Original Color
5E7822

Protanomaly
717221

Deuteranomaly
7A6E26

Tritanomaly
647359

Monochromacy



Original Color
5E7822

Achromatopsia
666666

Achromatomaly
636D4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E7822 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 #5E7822 looks like.

```
.text, #text, p{  
    color:#5E7822  
}
```

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 #5E7822 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E7822
}
```

Border

The CSS property to change the border of an element to Hex 5E7822 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
#5E7822 }
```

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

```
.border{ border-color:#5E7822 }
```

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

Here you see how a box with a 4 pixel #5E7822 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E7822; -webkit-box-shadow:4px 4px  
4px 4px #5E7822; box-shadow:4px 4px 4px  
4px #5E7822 }
```

Background

The CSS property to change the background color of an element to Hex 5E7822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E7822 }
```

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

```
.background{ background-color:#5E7822 }
```

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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