

Converting Colors

Hex(5E7913)

Have a look what the booklet for
Hex(5E7913) contains.

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Color

Hex(5E7913)

Conversions

Conversions Part 1

Format	Color
Hex	5E7913
RGB	94, 121, 19
RGB Percent	37%, 47%, 7%
CMY	0.6314, 0.5255, 0.9255
CMYK	0.22, 0.00, 0.84, 0.53
HSL	76°, 73%, 27%
HSV	76°, 84%, 47%
XYZ	11.5710, 16.1014, 3.1141
YIQ	101.2990, 16.6500, -37.4460

Conversions

Conversions Part 2

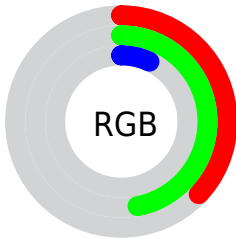
Format	Color
RYB	19, 121, 46
Decimal	6191379
CIELab	47.11, -24.21, 47.64
CIELCh	47, 53.440, 116.935
Yxy	16.1014, 0.3758, 0.5230
Android (android.graphics.Color)	4284381459 (0xFF5E7913)
YUV	101.2990, -40.5734, -6.4012
Hunter-Lab	40.1266, -18.7489, 23.4873

Details

The Hex color **5E7913** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2E1379**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **93AD49**, and **2C4800** is the 20% darker color. If you saturate the color by 10%, you get **5B7907**, and if you desaturate by 10%, it is **61791F**.

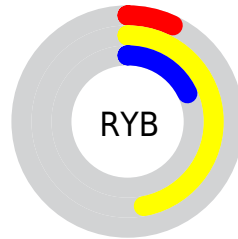
Distribution



Red (37%)

Green (47%)

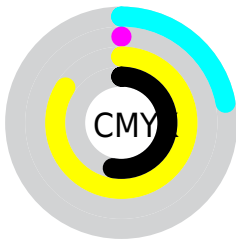
Blue (7%)



Red (7%)

Yellow (47%)

Blue (18%)

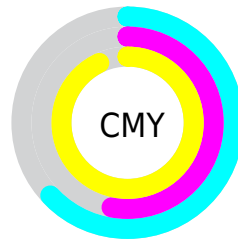


Cyan (22%)

Magenta (0%)

Yellow (84%)

Black (53%)



Cyan (63%)

Magenta (53%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E7913 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 5E7913 by changing the saturation by 10% instead.

 5E7913

 5E7913

FFFFFF

 446000

 93AD49

 2C4800

 AFC963

 103200

 CBE57D

 001E00

 E8FF98

 000000

 FFFFB3

 FFFFCE

 FFFFEC

 5E7913

 5E7913

■ 5B7907

■ 61791F

■ 597900

■ 64792B

■ 687937

■ 6B7943

■ 6E794F

■ 71795C

■ 747968

■ 787974

■ 7B7980

Harmonies

Analogous

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



8A6C02



5E7913



15813C

Triad

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



5E7913



0080BB



BD4376

Complementary

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



5E7913



2E1379

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.



A151A1



5E7913



0076CA

Square

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



5E7913



008497



6666C0



BE484A

Rectangle

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



5E7913



00835A



6666C0



B74685

Sweetspot

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



5E7913



949E77



792C13



494F37



CFCFCF



4F4F4F

Same Dimension

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



5E7913



749E00



2C7913



3C3D37



5C7D00



BAFC00

Inverse Universe

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



2E1379



2A009E



5F1379



39373D



21007D



4300FC

Previews

White Background



This preview shows how the Hex color 5E7913 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 5E7913 Background



This preview shows how black text looks on a background with the Hex color 5E7913.



This preview shows how white text looks on a background with the Hex color 5E7913.

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
5E7913

Protanopia
7E7010

Deuteranopia
8C6A1C



Tritanopia
68717A

Trichromacy



Original Color
5E7913

Protanomaly
727311

Deuteranomaly
7B6F19

Tritanomaly
647455

Monochromacy



Original Color
5E7913

Achromatopsia
656565

Achromatomaly
626C47

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E7913 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 #5E7913 looks like.

```
.text, #text, p{  
    color:#5E7913  
}
```

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 #5E7913 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E7913
}
```

Border

The CSS property to change the border of an element to Hex 5E7913 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".

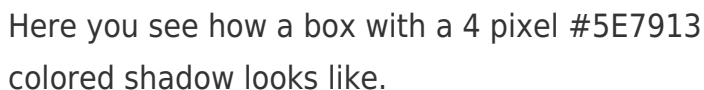
```
.border, #border, table{ border:4px solid
#5E7913 }
```

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

```
.border{ border-color:#5E7913 }
```

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

Here you see how a box with a 4 pixel #5E7913 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E7913; -webkit-box-shadow:4px 4px  
4px 4px #5E7913; box-shadow:4px 4px 4px  
4px #5E7913 }
```

Background

The CSS property to change the background color of an element to Hex 5E7913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E7913 }
```

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

```
.background{ background-color:#5E7913 }
```

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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