

Converting Colors

Hex(5D782A)

Have a look what the booklet for
Hex(5D782A) contains.

Hex(5D782A)	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(5D782A)

Conversions

Conversions Part 1

Format	Color
Hex	5D782A
RGB	93, 120, 42
RGB Percent	36%, 47%, 16%
CMY	0.6353, 0.5294, 0.8353
CMYK	0.22, 0.00, 0.65, 0.53
HSL	81°, 48%, 32%
HSV	81°, 65%, 47%
XYZ	11.6486, 15.9273, 4.6508
YIQ	103.0350, 8.9460, -29.9820

Conversions

Conversions Part 2

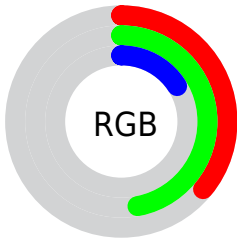
Format	Color
R_{YB}	42, 120, 69
Decimal	6125610
CIE _{Lab}	46.88, -22.67, 38.50
CIE _{LCh}	47, 44.678, 120.491
Yxy	15.9273, 0.3615, 0.4942
Android (android.graphics.Color)	4284315690 (0xFF5D782A)
YUV	103.0350, -30.0903, -8.8007
Hunter-Lab	39.9090, -17.7403, 21.0269

Details

The Hex color **5D782A** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **452A78**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **91AC5B**, and **2C4700** is the 20% darker color. If you saturate the color by 10%, you get **59781E**, and if you desaturate by 10%, it is **617836**.

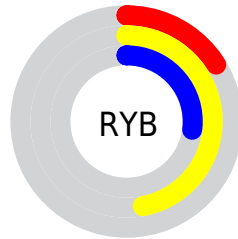
Distribution



Red (36%)

Green (47%)

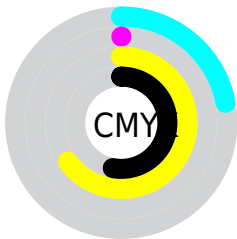
Blue (16%)



Red (16%)

Yellow (47%)

Blue (27%)

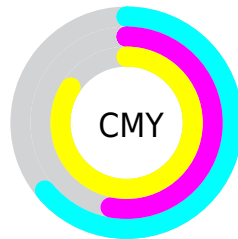


Cyan (22%)

Magenta (0%)

Yellow (65%)

Black (53%)



Cyan (64%)

Magenta (53%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D782A 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 5D782A by changing the saturation by 10% instead.

 5D782A

 5D782A

FFFFFF

 445F10

 91AC5B

 2C4700

 ADC875

 133100

 C9E48F

 001E00

 E5FFAA

 000000

 FFFFC6

 FFFFE2

 5D782A

 5D782A

 59781E

 617836

■ 557812

■ 657842

■ 517806

■ 69784E

■ 4E7800

■ 6E785A

■ 727866

■ 767872

■ 7A787E

■ 7E788A

■ 827896

Harmonies

Analogous

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



836D1E



5D782A



267E48

Triad

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



5D782A



007CB0



B24D70

Complementary

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



5D782A



452A78

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.



9D5695



5D782A



0E73BA

Square

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



5D782A



008194



7165B0



B2524B

Rectangle

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



5D782A



008161



7165B0



AE4E7D

Sweetspot

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



5D782A



919C7C



78442A



484F3C



CFCFCF



4F4F4F

Same Dimension

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



5D782A



729C22



37782A



3B3D37



527D00



A5FC00

Inverse Universe

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



452A78



4C229C



6B2A78



39373D



2B007D



5700FC

Previews

White Background



This preview shows how the Hex color 5D782A looks on a white background.

Color Contrast Check

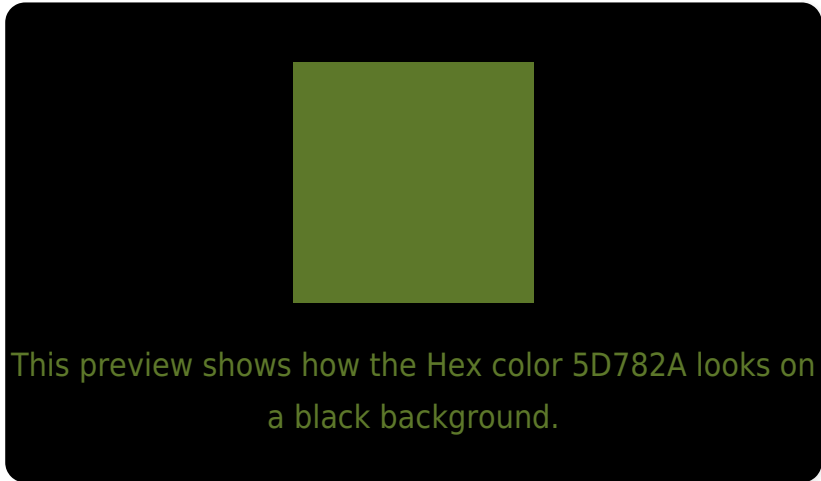
Large Text (above 18pt) WCAG AA ✓ Pass

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

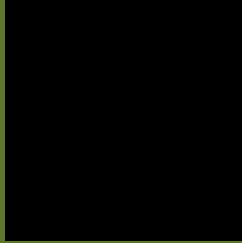
Any Text WCAG AA × Fail

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 5D782A Background



This preview shows how black text looks on a background with the Hex color 5D782A.



This preview shows how white text looks on a background with the Hex color 5D782A.

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
5D782A

Protanopia
7C6F28

Deuteranopia
8A692F



Tritanopia
677079

Trichromacy



Original Color
5D782A

Protanomaly
717229

Deuteranomaly
7A6E2D

Tritanomaly
63735C

Monochromacy



Original Color
5D782A

Achromatopsia
676767

Achromatomaly
636D51

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D782A 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 #5D782A looks like.

```
.text, #text, p{  
    color:#5D782A  
}
```

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 #5D782A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D782A
}
```

Border

The CSS property to change the border of an element to Hex 5D782A 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
#5D782A }
```

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

```
.border{ border-color:#5D782A }
```

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

Here you see how a box with a 4 pixel #5D782A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D782A; -webkit-box-shadow:4px 4px  
4px 4px #5D782A; box-shadow:4px 4px 4px  
4px #5D782A }
```

Background

The CSS property to change the background color of an element to Hex 5D782A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D782A }
```

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

```
.background{ background-color:#5D782A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor