

Converting Colors

Hex(5A6D2F)

Have a look what the booklet for
Hex(5A6D2F) contains.

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Color

Hex(5A6D2F)

Conversions

Conversions Part 1

Format	Color
Hex	5A6D2F
RGB	90, 109, 47
RGB Percent	35%, 43%, 18%
CMY	0.6471, 0.5725, 0.8157
CMYK	0.17, 0.00, 0.57, 0.57
HSL	78°, 40%, 31%
HSV	78°, 57%, 43%
XYZ	10.1982, 13.3162, 4.7221
YIQ	96.2510, 8.5780, -23.3100

Conversions

Conversions Part 2

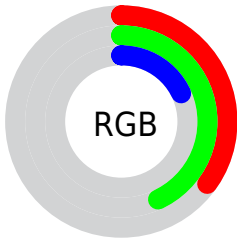
Format	Color
RYB	47, 109, 66
Decimal	5926191
CIELab	43.24, -17.74, 31.86
CIELCh	43, 36.466, 119.100
Yxy	13.3162, 0.3612, 0.4716
Android (android.graphics.Color)	4284116271 (0xFF5A6D2F)
YUV	96.2510, -24.2807, -5.4821
Hunter-Lab	36.4913, -13.9747, 17.8716

Details

The Hex color **5A6D2F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **422F6D**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **8EA15F**, and **2A3D00** is the 20% darker color. If you saturate the color by 10%, you get **576D24**, and if you desaturate by 10%, it is **5D6D3A**.

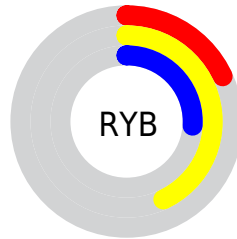
Distribution



Red (35%)

Green (43%)

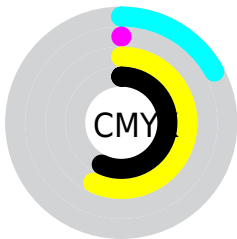
Blue (18%)



Red (18%)

Yellow (43%)

Blue (26%)

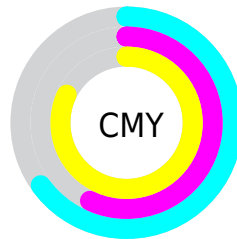


Cyan (17%)

Magenta (0%)

Yellow (57%)

Black (57%)



Cyan (65%)

Magenta (57%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A6D2F 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 5A6D2F by changing the saturation by 10% instead.

 5A6D2F

 5A6D2F

FFFFFF

 415518

 8EA15F

 2A3D00

 A8BC78

 132700

 C4D793

 001300

 E0F4AD

 000000

 FDFFC9

 FFFF E5

 5A6D2F

 5A6D2F

 576D24

 5D6D3A

■ 536D19

■ 616D45

■ 506D0E

■ 646D50

■ 4D6D03

■ 676D5B

■ 4C6D00

■ 6B6D66

■ 6E6D70

■ 716D7B

■ 756D86

■ 786D91

Harmonies

Analogous

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



786427



5A6D2F



337346

Triad

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



5A6D2F



007199



9C4C68

Complementary

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



5A6D2F



422F6D

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.



8A5386



5A6D2F



296AA2

Square

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



5A6D2F



007583



665F9B



9D4F4A

Rectangle

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



5A6D2F



00755A



665F9B



984E72

Sweetspot

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



5A6D2F



878F77



6D422F



434739



C7C7C7



474747

Same Dimension

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



5A6D2F



718F2E



3B6D2F



343630



517500



AAF500

Inverse Universe

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



422F6D



4B2E8F



612F6D



323036



240075



4B00F5

Previews

White Background



This preview shows how the Hex color 5A6D2F looks on a white background.

Color Contrast Check

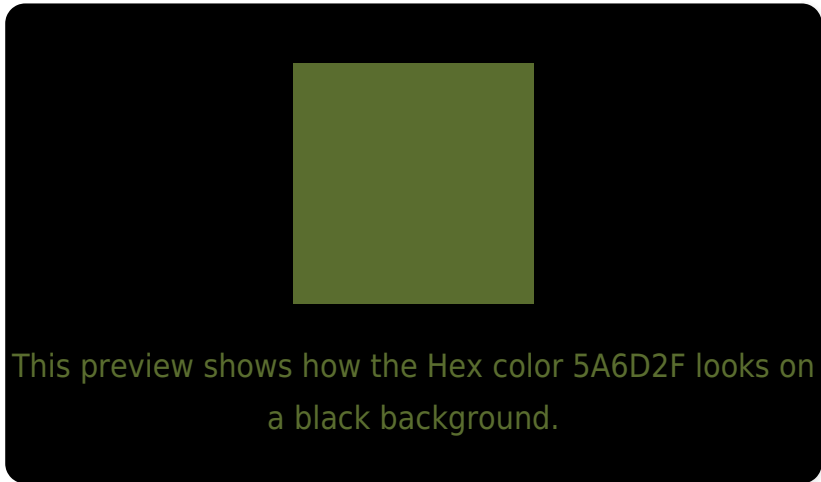
Large Text (above 18pt) WCAG AA ✓ Pass

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

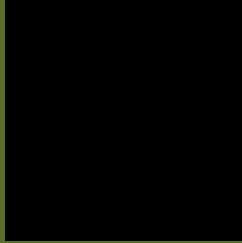
Any Text WCAG AA × Fail

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 5A6D2F Background



This preview shows how black text looks on a background with the Hex color 5A6D2F.



This preview shows how white text looks on a background with the Hex color 5A6D2F.

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
5A6D2F

Protanopia
71662D

Deuteranopia
7E6132

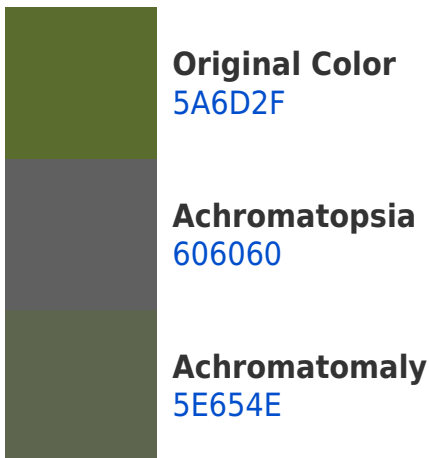


Tritanopia
62666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A6D2F 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 #5A6D2F looks like.

```
.text, #text, p{  
    color:#5A6D2F  
}
```

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 #5A6D2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A6D2F
}
```

Border

The CSS property to change the border of an element to Hex 5A6D2F 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
#5A6D2F }
```

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

```
.border{ border-color:#5A6D2F }
```

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

Here you see how a box with a 4 pixel #5A6D2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A6D2F; -webkit-box-shadow:4px 4px  
4px 4px #5A6D2F; box-shadow:4px 4px 4px  
4px #5A6D2F }
```

Background

The CSS property to change the background color of an element to Hex 5A6D2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A6D2F }
```

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

```
.background{ background-color:#5A6D2F }
```

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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