

Converting Colors

Hex(5F8D2E)

Have a look what the booklet for
Hex(5F8D2E) contains.

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Color

Hex(5F8D2E)

Conversions

Conversions Part 1

Format	Color
Hex	5F8D2E
RGB	95, 141, 46
RGB Percent	37%, 55%, 18%
CMY	0.6275, 0.4471, 0.8196
CMYK	0.33, 0.00, 0.67, 0.45
HSL	89°, 51%, 37%
HSV	89°, 67%, 55%
XYZ	14.7373, 21.6799, 5.9927
YIQ	116.4160, 3.0790, -39.2970

Conversions

Conversions Part 2

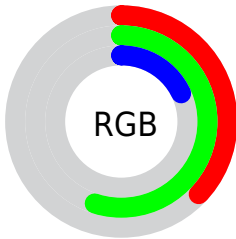
Format	Color
R_{YB}	46, 141, 92
Decimal	6262062
CIE _{Lab}	53.69, -31.75, 44.07
CIE _{LCh}	54, 54.320, 125.774
Yxy	21.6799, 0.3475, 0.5112
Android (android.graphics.Color)	4284452142 (0xFF5F8D2E)
YUV	116.4160, -34.7151, -18.7818
Hunter-Lab	46.5617, -24.9856, 24.9623

Details

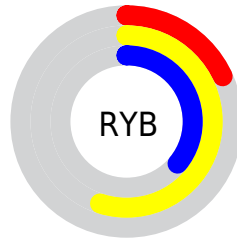
The Hex color **5F8D2E** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5C2E8D**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **95C361**, and **2B5A00** is the 20% darker color. If you saturate the color by 10%, you get **588D20**, and if you desaturate by 10%, it is **668D3C**.

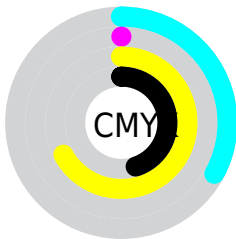
Distribution



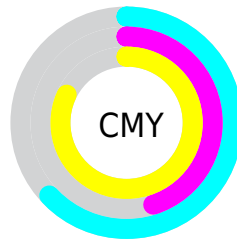
- Red (37%)
- Green (55%)
- Blue (18%)



- Red (18%)
- Yellow (55%)
- Blue (36%)



- Cyan (33%)
- Magenta (0%)
- Yellow (67%)
- Black (45%)



- Cyan (63%)
- Magenta (45%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F8D2E 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 5F8D2E by changing the saturation by 10% instead.

 5F8D2E

 5F8D2E

FFFFFF

 457313

 95C361

 2B5A00

 B0DF7B

 104200

 CCFC96

 002C00

 E9FFB1

 001500

 FFFFCD

 000000

 FFFF E9

 5F8D2E

 5F8D2E

 588D20

 668D3C

■ 518D12

■ 6D8D4A

■ 4B8D04

■ 738D58

■ 498D00

■ 7A8D66

■ 818D75

■ 888D83

■ 8F8D91

■ 968D9F

■ 9C8DAD

Harmonies

Analogous

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



908116



5F8D2E



009458

Triad

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



5F8D2E



008FD5



D45379

Complementary

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



5F8D2E



5C2E8D

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.



C05CA8



5F8D2E



1E83DE

Square

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



5F8D2E



0095B6



8E70CD



CF5D4C

Rectangle

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



5F8D2E



009678



8E70CD



D15489

Sweetspot

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



5F8D2E



A6B893



8D5C2E



515C46



DBDBDB



5C5C5C

Same Dimension

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



5F8D2E



70B823



308D2E



444740



468700



040800

Inverse Universe

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



5C2E8D



6B23B8



8B2E8D



444047



410087



040008

Previews

White Background



This preview shows how the Hex color 5F8D2E 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 5F8D2E Background



This preview shows how black text looks on a background with the Hex color 5F8D2E.

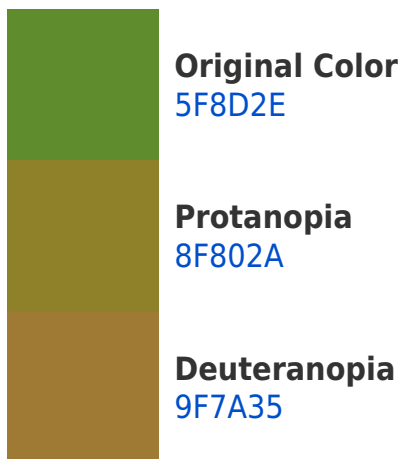


This preview shows how white text looks on a background with the Hex color 5F8D2E.

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





Tritanopia
6C848E

Trichromacy



Original Color
5F8D2E

Protanomaly
7E852B

Deuteranomaly
888132

Tritanomaly
67876B

Monochromacy



Original Color
5F8D2E

Achromatopsia
747474

Achromatomaly
6C7D5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F8D2E 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 #5F8D2E looks like.

```
.text, #text, p{  
    color:#5F8D2E  
}
```

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 #5F8D2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F8D2E
}
```

Border

The CSS property to change the border of an element to Hex 5F8D2E 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
#5F8D2E }
```

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

```
.border{ border-color:#5F8D2E }
```

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

Here you see how a box with a 4 pixel #5F8D2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F8D2E; -webkit-box-shadow:4px 4px  
4px 4px #5F8D2E; box-shadow:4px 4px 4px  
4px #5F8D2E }
```

Background

The CSS property to change the background color of an element to Hex 5F8D2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F8D2E }
```

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

```
.background{ background-color:#5F8D2E }
```

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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