

Converting Colors

Hex(5F7B26)

Have a look what the booklet for
Hex(5F7B26) contains.

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Color

Hex(5F7B26)

Conversions

Conversions Part 1

Format	Color
Hex	5F7B26
RGB	95, 123, 38
RGB Percent	37%, 48%, 15%
CMY	0.6275, 0.5176, 0.8510
CMYK	0.23, 0.00, 0.69, 0.52
HSL	80°, 53%, 32%
HSV	80°, 69%, 48%
XYZ	12.1521, 16.7388, 4.4241
YIQ	104.9380, 10.5970, -32.3710

Conversions

Conversions Part 2

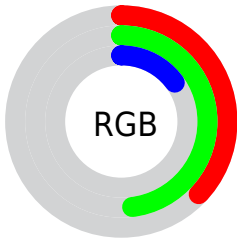
Format	Color
R_{YB}	38, 123, 66
Decimal	6257446
CIE _{Lab}	47.93, -23.67, 41.47
CIE _{LCh}	48, 47.745, 119.718
Yxy	16.7388, 0.3648, 0.5024
Android (android.graphics.Color)	4284447526 (0xFF5F7B26)
YUV	104.9380, -33.0004, -8.7156
Hunter-Lab	40.9130, -18.5791, 22.2278

Details

The Hex color **5F7B26** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **42267B**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **94B058**, and **2D4A00** is the 20% darker color. If you saturate the color by 10%, you get **5B7B1A**, and if you desaturate by 10%, it is **637B32**.

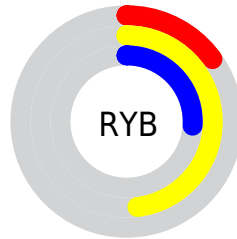
Distribution



Red (37%)

Green (48%)

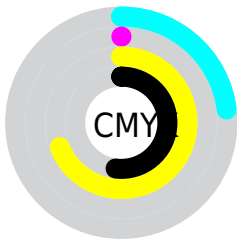
Blue (15%)



Red (15%)

Yellow (48%)

Blue (26%)

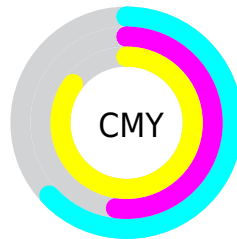


Cyan (23%)

Magenta (0%)

Yellow (69%)

Black (52%)



Cyan (63%)

Magenta (52%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F7B26 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 5F7B26 by changing the saturation by 10% instead.



5F7B26



5F7B26

FFFFFF



46620A



94B058



2D4A00



AFCB72



143300



CBE78C



001F00



E8FFA7



000000



FFFFC2



FFFFDF



FFFFFC



5F7B26



5F7B26

■ 5B7B1A

■ 637B32

■ 577B0D

■ 677B3F

■ 537B01

■ 6B7B4B

■ 527B00

■ 6F7B57

■ 737B63

■ 777B70

■ 7B7B7C

■ 7F7B88

■ 837B95

Harmonies

Analogous

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



877019



5F7B26



228247

Triad

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



5F7B26



0080B7



B94C74

Complementary

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



5F7B26



42267B

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.



A2569B



5F7B26



0076C2

Square

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



5F7B26



008599



7167B8



B9514C

Rectangle

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



5F7B26



008462



7167B8



B44E81

Sweetspot

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



5F7B26



96A17F



7B4126



4B523D



D1D1D1



525252

Same Dimension

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



5F7B26



75A11B



367B26



3B3D37



547D00



A9FC00

Inverse Universe

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



42267B



471BA1



6B267B



39373D



29007D



5300FC

Previews

White Background



This preview shows how the Hex color 5F7B26 looks on a white background.

Color Contrast Check

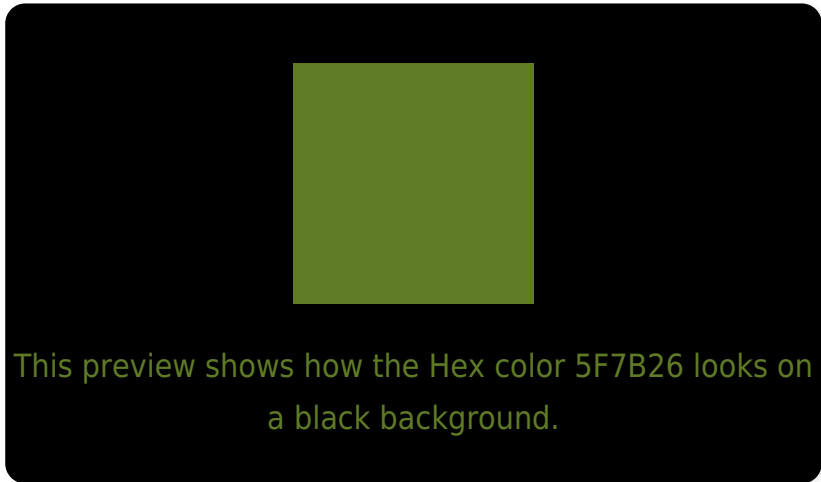
Large Text (above 18pt) WCAG AA ✓ Pass

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

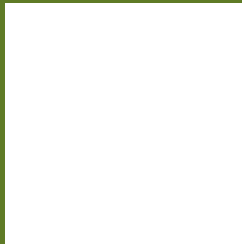
Any Text WCAG AAA × Fail

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

Hex 5F7B26 Background



This preview shows how black text looks on a background with the Hex color 5F7B26.



This preview shows how white text looks on a background with the Hex color 5F7B26.

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
5F7B26

Protanopia
7F7224

Deuteranopia
8D6C2B



Tritanopia
69737C

Trichromacy



Original Color
5F7B26

Protanomaly
737525

Deuteranomaly
7C7129

Tritanomaly
65765D

Monochromacy



Original Color
5F7B26

Achromatopsia
696969

Achromatomaly
657051

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F7B26 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 #5F7B26 looks like.

```
.text, #text, p{  
    color:#5F7B26  
}
```

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 #5F7B26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F7B26
}
```

Border

The CSS property to change the border of an element to Hex 5F7B26 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
#5F7B26 }
```

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

```
.border{ border-color:#5F7B26 }
```

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

Here you see how a box with a 4 pixel #5F7B26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F7B26; -webkit-box-shadow:4px 4px  
4px 4px #5F7B26; box-shadow:4px 4px 4px  
4px #5F7B26 }
```

Background

The CSS property to change the background color of an element to Hex 5F7B26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F7B26 }
```

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

```
.background{ background-color:#5F7B26 }
```

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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