

# Converting Colors

Hex(5B5F26)

Have a look what the booklet for  
Hex(5B5F26) contains.

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**Color**

**Hex(5B5F26)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B5F26
RGB	91, 95, 38
RGB Percent	36%, 37%, 15%
CMY	0.6431, 0.6275, 0.8510
CMYK	0.04, 0.00, 0.60, 0.63
HSL	64°, 43%, 26%
HSV	64°, 60%, 37%
XYZ	8.7564, 10.5485, 3.4083
YIQ	87.3060, 15.9130, -18.5750

# Conversions

## Conversions Part 2

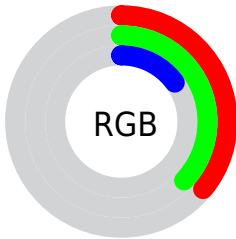
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 95, 42
Decimal	5988134
CIELab	38.81, -10.43, 31.47
CIELCh	39, 33.150, 108.330
Yxy	10.5485, 0.3855, 0.4644
Android (android.graphics.Color)	4284178214 (0xFF5B5F26)
YUV	87.3060, -24.3079, 3.2396
Hunter-Lab	32.4785, -8.7123, 16.5131

# Details

The Hex color **5B5F26** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2A265F**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **8F9155**, and **2C3100** is the 20% darker color. If you saturate the color by 10%, you get **5A5F1D**, and if you desaturate by 10%, it is **5C5F30**.

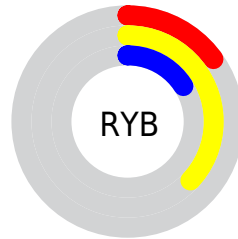
# Distribution



Red (36%)

Green (37%)

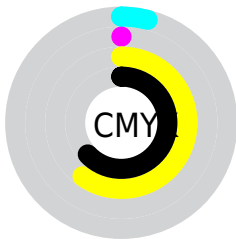
Blue (15%)



Red (15%)

Yellow (37%)

Blue (16%)

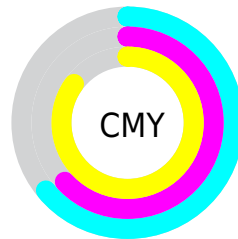


Cyan (4%)

Magenta (0%)

Yellow (60%)

Black (63%)



Cyan (64%)

Magenta (63%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B5F26 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 5B5F26 by changing the saturation by 10% instead.



 5B5F26

 5B5F26

FFFFFF

 42470F

 8F9155

 2C3100

 AAAC6E

 141C00

 C5C788

 000000

 E2E3A3

 FFFFBE

 FFFFDA

 FFFFF7

 5B5F26

 5B5F26

■ 5A5F1D

■ 5C5F30

■ 5A5F13

■ 5C5F39

■ 595F09

■ 5D5F43

■ 585F00

■ 5E5F4C

■ 5E5F56

■ 5F5F5F

■ 605F69

■ 605F72

■ 615F7C

# Harmonies

## Analogous

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



745625



5B5F26



3C6536

# Triad

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



5B5F26



006783



884667

# Complementary

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



5B5F26



2A265F

# 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.



724E7F



5B5F26



006190

# Square

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



5B5F26



00696B



4C588E



8E454C

# Rectangle

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



5B5F26



1F6847



4C588E



824870



# Sweetspot

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



5B5F26



797A64



5F2A26



3C3D30



BDBDBD



3D3D3D



# Same Dimension

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



5B5F26



747A22



3F5F26



30302C



687000



DFF000



# Inverse Universe

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



2A265F



28227A



46265F



2C2C30



080070



1100F0



# Previews

## White Background



This preview shows how the Hex color 5B5F26 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

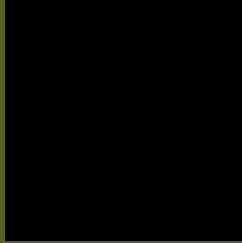
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5B5F26 Background



This preview shows how black text looks on a background with the Hex color 5B5F26.



This preview shows how white text looks on a background with the Hex color 5B5F26.

# 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](#).

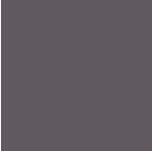
## Dichromacy



**Original Color**  
5B5F26

**Protanopia**  
665C25

**Deuteranopia**  
715728



**Tritanopia**  
615960

# Trichromacy



**Original Color**  
5B5F26

**Protanomaly**  
625D25

**Deuteranomaly**  
695A27

**Tritanomaly**  
5F5B4B

# Monochromacy



**Original Color**  
5B5F26

**Achromatopsia**  
575757

**Achromatomaly**  
585A45

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B5F26 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 #5B5F26 looks like.

```
.text, #text, p{  
    color:#5B5F26  
}
```

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 #5B5F26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B5F26
}
```

## Border

The CSS property to change the border of an element to Hex 5B5F26 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
#5B5F26 }
```

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

```
.border{ border-color:#5B5F26 }
```

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

Here you see how a box with a 4 pixel #5B5F26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B5F26; -webkit-box-shadow:4px 4px  
4px 4px #5B5F26; box-shadow:4px 4px 4px  
4px #5B5F26 }
```

# Background

The CSS property to change the background color of an element to Hex 5B5F26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B5F26 }
```

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

```
.background{ background-color:#5B5F26 }
```

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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