

# Converting Colors

Hex(5A5B26)

Have a look what the booklet for  
Hex(5A5B26) contains.

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**Color**

**Hex(5A5B26)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5A5B26
RGB	90, 91, 38
RGB Percent	35%, 36%, 15%
CMY	0.6471, 0.6431, 0.8510
CMYK	0.01, 0.00, 0.58, 0.64
HSL	61°, 41%, 25%
HSV	61°, 58%, 36%
XYZ	8.3074, 9.7958, 3.2866
YIQ	84.6590, 16.4170, -16.6950

# Conversions

## Conversions Part 2

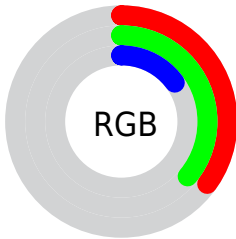
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 91, 39
Decimal	5921574
CIE Lab	37.47, -8.59, 29.92
CIE LCh	37, 31.133, 106.026
Yxy	9.7958, 0.3884, 0.4580
Android (android.graphics.Color)	4284111654 (0xFF5A5B26)
YUV	84.6590, -23.0029, 4.6841
Hunter-Lab	31.2982, -7.3931, 15.6826

# Details

The Hex color **5A5B26** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **27265B**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **8E8D55**, and **2B2D00** is the 20% darker color. If you saturate the color by 10%, you get **5A5B1D**, and if you desaturate by 10%, it is **5A5B2F**.

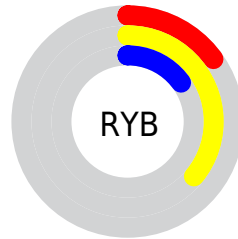
# Distribution



Red (35%)

Green (36%)

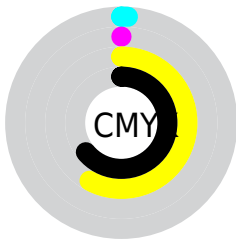
Blue (15%)



Red (15%)

Yellow (36%)

Blue (15%)

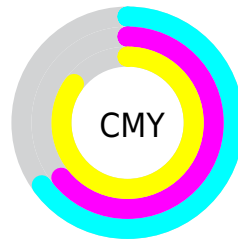


Cyan (1%)

Magenta (0%)

Yellow (58%)

Black (64%)



Cyan (65%)

Magenta (64%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A5B26 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 5A5B26 by changing the saturation by 10% instead.



■ 5A5B26

■ 5A5B26

FFFFFF

■ 42440F

■ 8E8D55

■ 2B2D00

■ A8A76E

■ 121900

■ C4C288

■ 000000

■ E0DEA2

■ FDFBBD

■ FFFFD9

■ FFFFF6

■ 5A5B26

■ 5A5B26

■ 5A5B1D

■ 5A5B2F

■ 5A5B14

■ 5A5B38

■ 595B0B

■ 5B5B41

■ 595B02

■ 5B5B4A

■ 595B00

■ 5B5B54

■ 5B5B5D

■ 5B5B66

■ 5B5B6F

■ 5C5B78

# Harmonies

## Analogous

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



715327



5A5B26



3E6134

# Triad

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



5A5B26



00637C



814565

# Complementary

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



5A5B26



27265B

# 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.



6B4C7B



5A5B26



005E89

# Square

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



5A5B26



006565



475688



88434C

# Rectangle

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



5A5B26



256343



475688



7B476D



# Sweetspot

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



5A5B26



757561



5B2726



3A3B2F



BABABA



3B3B3B



# Same Dimension

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



5A5B26



747523



405B26



2E2E29



6C6E00



E9ED00



# Inverse Universe

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



27265B



252375



41265B



29292E



02006E



0400ED



# Previews

## White Background



This preview shows how the Hex color 5A5B26 looks on a white background.

## Color Contrast Check

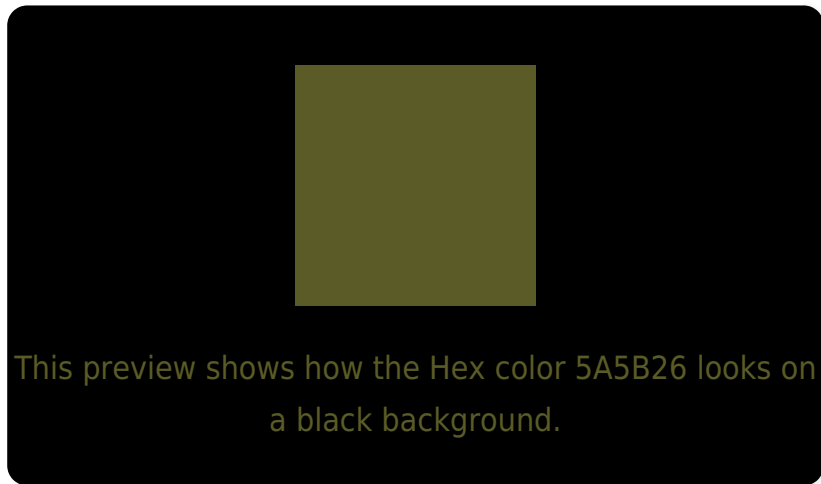
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

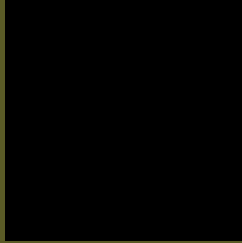
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5A5B26 Background



This preview shows how black text looks on a background with the Hex color 5A5B26.



This preview shows how white text looks on a background with the Hex color 5A5B26.

# 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](#).

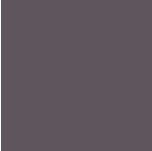
## Dichromacy



**Original Color**  
5A5B26

**Protanopia**  
625825

**Deuteranopia**  
6D5428



**Tritanopia**  
5F555C

# Trichromacy



**Original Color**  
5A5B26

**Protanomaly**  
5F5925

**Deuteranomaly**  
665727

**Tritanomaly**  
5D5748

# Monochromacy



**Original Color**  
5A5B26

**Achromatopsia**  
555555

**Achromatomaly**  
575744

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A5B26 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 #5A5B26 looks like.

```
.text, #text, p{  
    color:#5A5B26  
}
```

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 #5A5B26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A5B26
}
```

## Border

The CSS property to change the border of an element to Hex 5A5B26 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".

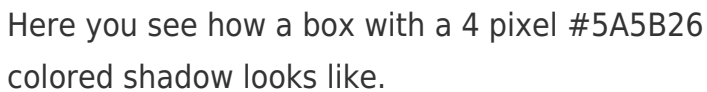
```
.border, #border, table{ border:4px solid
#5A5B26 }
```

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

```
.border{ border-color:#5A5B26 }
```

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

Here you see how a box with a 4 pixel #5A5B26 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A5B26; -webkit-box-shadow:4px 4px  
4px 4px #5A5B26; box-shadow:4px 4px 4px  
4px #5A5B26 }
```

# Background

The CSS property to change the background color of an element to Hex 5A5B26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A5B26 }
```

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

```
.background{ background-color:#5A5B26 }
```

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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