

# Converting Colors

Hex(5B5840)

Have a look what the booklet for  
Hex(5B5840) contains.

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# Color

Hex(5B5840)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B5840
RGB	91, 88, 64
RGB Percent	36%, 35%, 25%
CMY	0.6431, 0.6549, 0.7490
CMYK	0.00, 0.03, 0.30, 0.64
HSL	53°, 17%, 30%
HSV	53°, 30%, 36%
XYZ	8.7295, 9.5738, 6.2383
YIQ	86.1610, 9.4920, -6.8280

# Conversions

## Conversions Part 2

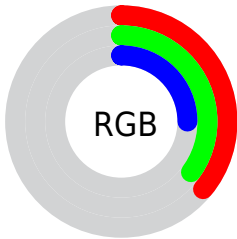
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 91, 64
Decimal	5986368
CIELab	37.07, -3.14, 14.39
CIElCh	37, 14.731, 102.322
Yxy	9.5738, 0.3557, 0.3901
Android (android.graphics.Color)	4284176448 (0xFF5B5840)
YUV	86.1610, -10.9254, 4.2438
Hunter-Lab	30.9415, -3.7874, 9.7052

# Details

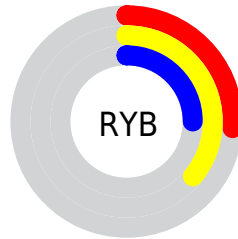
The Hex color **5B5840** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **40435B**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **8E8A70**, and **2D2B15** is the 20% darker color. If you saturate the color by 10%, you get **5B5737**, and if you desaturate by 10%, it is **5B5949**.

# Distribution



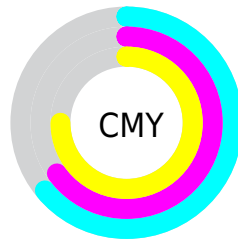
- Red (36%)
- Green (35%)
- Blue (25%)



- Red (26%)
- Yellow (36%)
- Blue (25%)



- Cyan (0%)
- Magenta (3%)
- Yellow (30%)
- Black (64%)



- Cyan (64%)
- Magenta (65%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B5840 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 5B5840 by changing the saturation by 10% instead.



■ 5B5840

■ 5B5840

FFFFFF

■ 43412A

■ 8E8A70

■ 2D2B15

■ A8A489

■ 191600

■ C3BFA4

■ 000000

■ DFDBBF

■ FCF7DB

■ FFFFF7

■ 5B5840

■ 5B5840

■ 5B5737

■ 5B5949

■ 5B562E

■ 5B5A52

■ 5B5525

■ 5B5B5B

■ 5B541C

■ 5B5C64

■ 5B5313

■ 5B5D6E

■ 5B5209

■ 5B5E77

■ 5B5100

■ 5B5F80

■ 5B6089

■ 5B6192

# Harmonies

## Analogous

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



665441



5B5840



4E5B45

# Triad

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



5B5840



365D67



6A4F5F

# Complementary

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



5B5840



40435B

# 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.



5F5369



5B5840



405A6D

# Square

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



5B5840



375E5C



50576E



6F4F53

# Rectangle

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



5B5840



455D4C



50576E



675062



# Sweetspot

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



5B5840



75746B



5B4043



3B3A34



BABABA



3B3B3B



# Same Dimension

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



5B5840



75714B



515B40



2E2D29



6E6100



EDD300



# Inverse Universe

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



40435B



4B5075



4A405B



292A2E



000C6E



001AED



# Previews

## White Background



This preview shows how the Hex color 5B5840 looks on a white background.

## Color Contrast Check

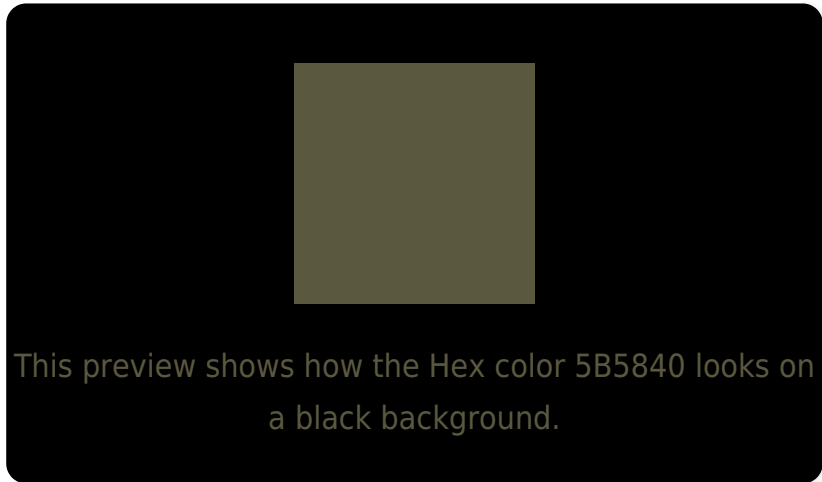
Large Text (above 18pt) WCAG AA ✓ Pass

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

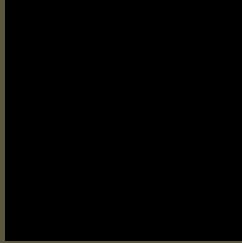
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

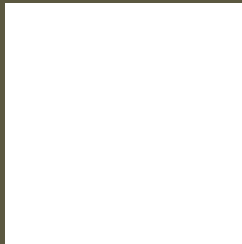
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5B5840 Background



This preview shows how black text looks on a background with the Hex color 5B5840.



This preview shows how white text looks on a background with the Hex color 5B5840.

# 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**  
5B5840

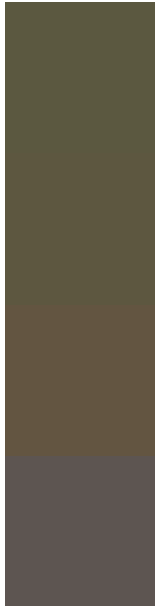
**Protanopia**  
5E5740

**Deuteranopia**  
675441



**Tritanopia**  
5E545B

# Trichromacy



**Original Color**  
5B5840

**Protanomaly**  
5D5740

**Deuteranomaly**  
635541

**Tritanomaly**  
5D5551

# Monochromacy



**Original Color**  
5B5840

**Achromatopsia**  
565656

**Achromatomaly**  
58574E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B5840 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 #5B5840 looks like.

```
.text, #text, p{  
    color:#5B5840  
}
```

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 #5B5840 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B5840
}
```

## Border

The CSS property to change the border of an element to Hex 5B5840 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".

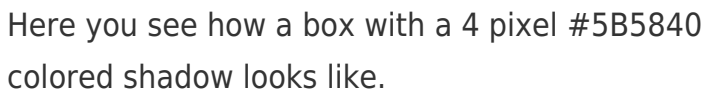
```
.border, #border, table{ border:4px solid
#5B5840 }
```

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

```
.border{ border-color:#5B5840 }
```

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

Here you see how a box with a 4 pixel #5B5840 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B5840; -webkit-box-shadow:4px 4px  
4px 4px #5B5840; box-shadow:4px 4px 4px  
4px #5B5840 }
```

# Background

The CSS property to change the background color of an element to Hex 5B5840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B5840 }
```

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

```
.background{ background-color:#5B5840 }
```

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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