

Converting Colors

Hex(5A5E30)

Have a look what the booklet for
Hex(5A5E30) contains.

Hex(5A5E30)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5A5E30)

Conversions

Conversions Part 1

Format	Color
Hex	5A5E30
RGB	90, 94, 48
RGB Percent	35%, 37%, 19%
CMY	0.6471, 0.6314, 0.8118
CMYK	0.04, 0.00, 0.49, 0.63
HSL	65°, 32%, 28%
HSV	65°, 49%, 37%
XYZ	8.7527, 10.3925, 4.3409
YIQ	87.5600, 12.3820, -15.1540

Conversions

Conversions Part 2

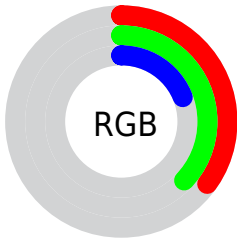
Format	Color
R_{YB}	48, 94, 52
Decimal	5922352
CIE Lab	38.54, -9.29, 25.71
CIE LCh	39, 27.333, 109.863
Yxy	10.3925, 0.3727, 0.4425
Android (android.graphics.Color)	4284112432 (0xFF5A5E30)
YUV	87.5600, -19.5031, 2.1399
Hunter-Lab	32.2373, -7.9514, 14.5824

Details

The Hex color **5A5E30** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **34305E**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **8D905F**, and **2B3001** is the 20% darker color. If you saturate the color by 10%, you get **595E27**, and if you desaturate by 10%, it is **5B5E39**.

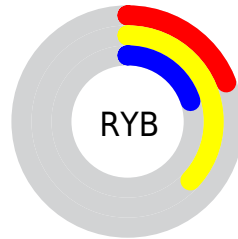
Distribution



 Red (35%)

 Green (37%)

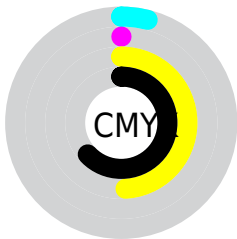
 Blue (19%)



 Red (19%)

 Yellow (37%)

 Blue (20%)

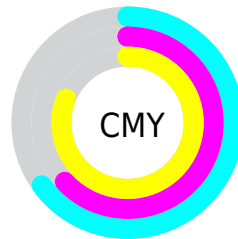


 Cyan (4%)

 Magenta (0%)

 Yellow (49%)

 Black (63%)



 Cyan (65%)

 Magenta (63%)

 Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A5E30 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 5A5E30 by changing the saturation by 10% instead.



5A5E30



5A5E30

FFFFFF



42461A



8D905F



2B3001



A8AB78



141B00



C3C692



000000



E0E2AD



FCFFC9



FFFFE5



5A5E30



5A5E30



595E27



5B5E39

■ 585E1D

■ 5C5E43

■ 585E14

■ 5C5E4C

■ 575E0A

■ 5D5E56

■ 565E01

■ 5E5E5F

■ 565E00

■ 5F5E68

■ 605E72

■ 615E7B

■ 615E85

Harmonies

Analogous

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



6F572F



5A5E30



41633D

Triad

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



5A5E30



00647C



814A63

Complementary

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



5A5E30



34305E

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.



6F5077



5A5E30



285F86

Square

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



5A5E30



006669



515884



854A4D

Rectangle

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



5A5E30



2C654B



515884



7C4B6A

Sweetspot

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



5A5E30



797A68



5E3430



3C3D32



BDBDBD



3D3D3D

Same Dimension

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



5A5E30



747A32



435E30



2E2E29



646E00



D9ED00

Inverse Universe

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



34305E



38327A



4B305E



2A292E



0A006E



1500ED

Previews

White Background



This preview shows how the Hex color 5A5E30 looks on a white background.

Color Contrast Check

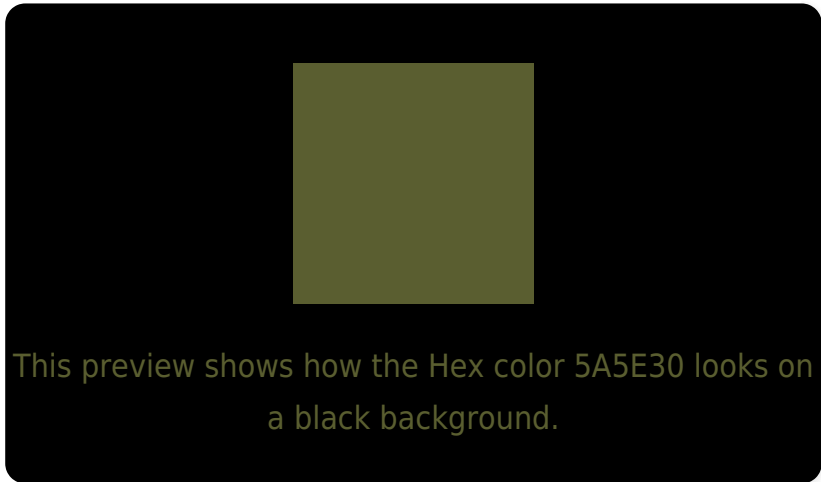
Large Text (above 18pt) WCAG AA ✓ Pass

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

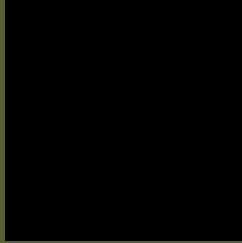
Any Text WCAG AA × Fail

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 5A5E30 Background



This preview shows how black text looks on a background with the Hex color 5A5E30.



This preview shows how white text looks on a background with the Hex color 5A5E30.

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
5A5E30

Protanopia
645B2F

Deuteranopia
6F5632



Tritanopia
5F5960

Trichromacy



Original Color
5A5E30

Protanomaly
605C2F

Deuteranomaly
675931

Tritanomaly
5D5B4F

Monochromacy



Original Color
5A5E30

Achromatopsia
585858

Achromatomaly
595A49

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A5E30 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 #5A5E30 looks like.

```
.text, #text, p{  
    color:#5A5E30  
}
```

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 #5A5E30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A5E30
}
```

Border

The CSS property to change the border of an element to Hex 5A5E30 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".

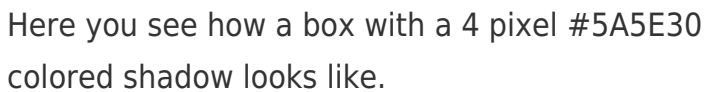
```
.border, #border, table{ border:4px solid
#5A5E30 }
```

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

```
.border{ border-color:#5A5E30 }
```

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

Here you see how a box with a 4 pixel #5A5E30 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 right sides. Below the box, there is a thick dark green horizontal bar that serves as a shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A5E30; -webkit-box-shadow:4px 4px  
4px 4px #5A5E30; box-shadow:4px 4px 4px  
4px #5A5E30 }
```

Background

The CSS property to change the background color of an element to Hex 5A5E30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A5E30 }
```

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

```
.background{ background-color:#5A5E30 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor