

Converting Colors

Hex(5B5529)

Have a look what the booklet for
Hex(5B5529) contains.

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Color

Hex(5B5529)

Conversions

Conversions Part 1

Format	Color
Hex	5B5529
RGB	91, 85, 41
RGB Percent	36%, 33%, 16%
CMY	0.6431, 0.6667, 0.8392
CMYK	0.00, 0.07, 0.55, 0.64
HSL	53°, 38%, 26%
HSV	53°, 55%, 36%
XYZ	7.9631, 8.8812, 3.3924
YIQ	81.7780, 17.7000, -12.4120

Conversions

Conversions Part 2

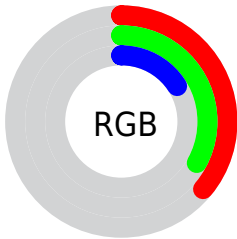
Format	Color
RYB	48, 91, 41
Decimal	5985577
CIELab	35.75, -4.29, 26.30
CIELCh	36, 26.648, 99.275
Yxy	8.8812, 0.3935, 0.4389
Android (android.graphics.Color)	4284175657 (0xFF5B5529)
YUV	81.7780, -20.1036, 8.0877
Hunter-Lab	29.8014, -4.4562, 14.1119

Details

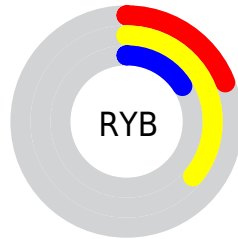
The Hex color **5B5529** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **292F5B**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **8E8658**, and **2C2800** is the 20% darker color. If you saturate the color by 10%, you get **5B5420**, and if you desaturate by 10%, it is **5B5632**.

Distribution



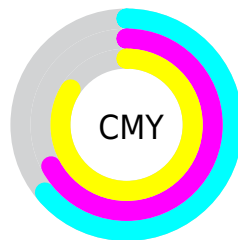
- Red (36%)
- Green (33%)
- Blue (16%)



- Red (19%)
- Yellow (36%)
- Blue (16%)



- Cyan (0%)
- Magenta (7%)
- Yellow (55%)
- Black (64%)



- Cyan (64%)
- Magenta (67%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B5529 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 5B5529 by changing the saturation by 10% instead.

 5B5529

 5B5529

FFFFFF

 433E13

 8E8658

 2C2800

 A9A170

 131400

 C5BC8A

 000000

 E1D7A5

 FEF4C0

 FFFFDC

 FFFFF8

 5B5529

 5B5529

■ 5B5420

■ 5B5632

■ 5B5317

■ 5B573B

■ 5B520E

■ 5B5844

■ 5B5105

■ 5B594D

■ 5B5000

■ 5B5A57

■ 5B5C60

■ 5B5D69

■ 5B5E72

■ 5B5F7B

Harmonies

Analogous

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



6E4E2C



5B5529



445B32

Triad

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



5B5529



005E6E



744564

Complementary

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



5B5529



292F5B

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.



5F4C75



5B5529



095A7C

Square

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



5B5529



005F5A



3E547E



7D434E

Rectangle

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



5B5529



325D3E



3E547E



6E476A

Sweetspot

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



5B5529



757363



5B2930



3B3930



BABABA



3B3B3B

Same Dimension

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



5B5529



756C28



495B29



2E2D29



6E6000



EDD100

Inverse Universe

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



292F5B



283175



3B295B



292A2E



000D6E



001CED

Previews

White Background



This preview shows how the Hex color 5B5529 looks on a white background.

Color Contrast Check

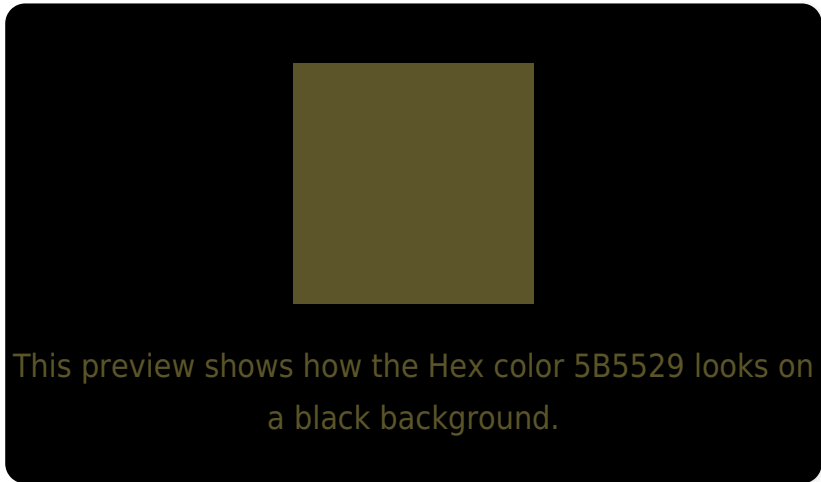
Large Text (above 18pt) WCAG AA ✓ Pass

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

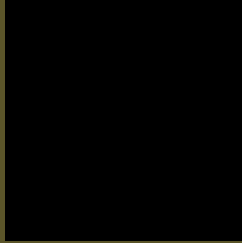
Any Text WCAG AA × Fail

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 5B5529 Background



This preview shows how black text looks on a background with the Hex color 5B5529.



This preview shows how white text looks on a background with the Hex color 5B5529.

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
5B5529

Protanopia
5D5429

Deuteranopia
68502A



Tritanopia
5F5056

Trichromacy



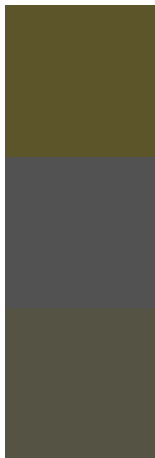
Original Color
5B5529

Protanomaly
5C5429

Deuteranomaly
63522A

Tritanomaly
5E5246

Monochromacy



Original Color
5B5529

Achromatopsia
525252

Achromatomaly
555343

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B5529 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 #5B5529 looks like.

```
.text, #text, p{  
    color:#5B5529  
}
```

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 #5B5529 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B5529
}
```

Border

The CSS property to change the border of an element to Hex 5B5529 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".

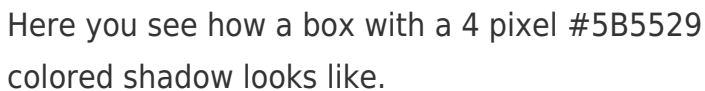
```
.border, #border, table{ border:4px solid
#5B5529 }
```

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

```
.border{ border-color:#5B5529 }
```

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

Here you see how a box with a 4 pixel #5B5529 colored shadow looks like.

A rectangular box with a dark brown border and a dark brown shadow. The shadow is cast to the right and bottom of the box, giving it a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #5B5529 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B5529; -webkit-box-shadow:4px 4px  
4px 4px #5B5529; box-shadow:4px 4px 4px  
4px #5B5529 }
```

Background

The CSS property to change the background color of an element to Hex 5B5529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B5529 }
```

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

```
.background{ background-color:#5B5529 }
```

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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