

Converting Colors

Hex(5B5122)

Have a look what the booklet for
Hex(5B5122) contains.

Hex(5B5122)	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(5B5122)

Conversions

Conversions Part 1

Format	Color
Hex	5B5122
RGB	91, 81, 34
RGB Percent	36%, 32%, 13%
CMY	0.6431, 0.6824, 0.8667
CMYK	0.00, 0.11, 0.63, 0.64
HSL	49°, 46%, 25%
HSV	49°, 63%, 36%
XYZ	7.5455, 8.2245, 2.7032
YIQ	78.6320, 21.0470, -12.4970

Conversions

Conversions Part 2

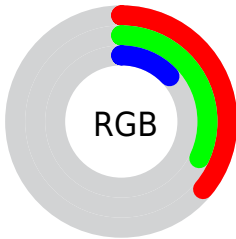
Format	Color
RYB	46, 91, 34
Decimal	5984546
CIELab	34.45, -2.55, 28.63
CIELCh	34, 28.745, 95.085
Yxy	8.2245, 0.4085, 0.4452
Android (android.graphics.Color)	4284174626 (0xFF5B5122)
YUV	78.6320, -22.0036, 10.8467
Hunter-Lab	28.6784, -3.2222, 14.4863

Details

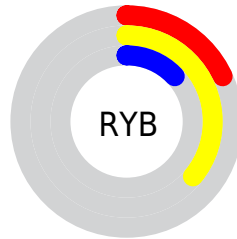
The Hex color **5B5122** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **222C5B**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **8F8250**, and **2C2500** is the 20% darker color. If you saturate the color by 10%, you get **5B4F19**, and if you desaturate by 10%, it is **5B532B**.

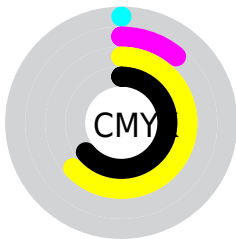
Distribution



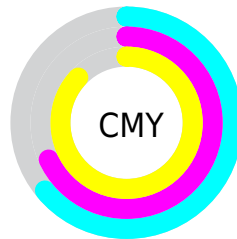
- Red (36%)
- Green (32%)
- Blue (13%)



- Red (18%)
- Yellow (36%)
- Blue (13%)



- Cyan (0%)
- Magenta (11%)
- Yellow (63%)
- Black (64%)



- Cyan (64%)
- Magenta (68%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B5122 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 5B5122 by changing the saturation by 10% instead.



5B5122



5B5122

FFFFFF



423A0B



8F8250



2C2500



AA9C69



111000



C6B782



000000



E2D29D



FFEFB8



FFFFD4



FFFFFF0



5B5122



5B5122

■ 5B4F19

■ 5B532B

■ 5B4E10

■ 5B5434

■ 5B4C07

■ 5B563D

■ 5B4B00

■ 5B5746

■ 5B5950

■ 5B5B59

■ 5B5C62

■ 5B5E6B

■ 5B5F74

Harmonies

Analogous

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



6E4928



5B5122



43572A

Triad

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



5B5122



005C6B



704165

Complementary

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



5B5122



222C5B

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.



584976



5B5122



00587A

Square

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



5B5122



005D54



31527E



7C3E4E

Rectangle

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



5B5122



305A36



31527E



6A446B

Sweetspot

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



5B5122



75715F



5B222C



3B382D



BABABA



3B3B3B

Same Dimension

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



5B5122



75661D



495B22



2E2D29



6E5A00



EDC400

Inverse Universe

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



222C5B



1D2D75



34225B



292A2E



00136E



002AED

Previews

White Background



This preview shows how the Hex color 5B5122 looks on a white background.

Color Contrast Check

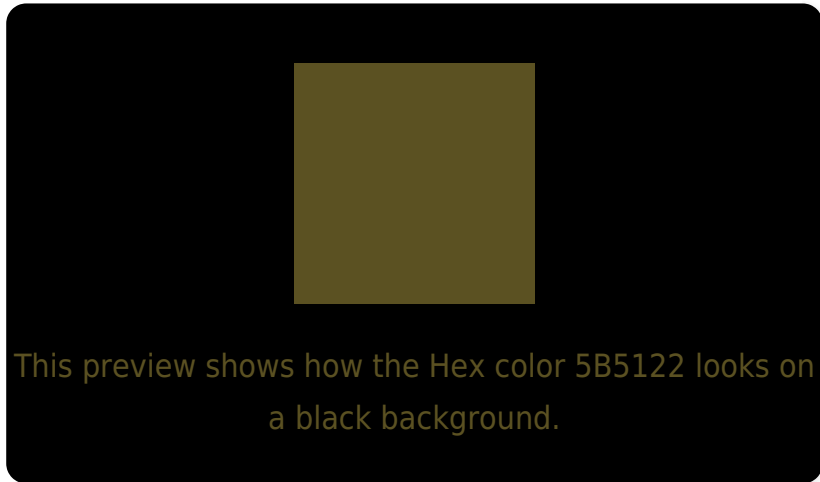
Large Text (above 18pt) WCAG AA ✓ Pass

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

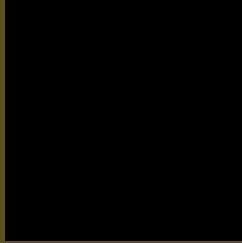
Any Text WCAG AA × Fail

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 5B5122 Background



This preview shows how black text looks on a background with the Hex color 5B5122.



This preview shows how white text looks on a background with the Hex color 5B5122.

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
5B5122

Protanopia
5A5122

Deuteranopia
654D23



Tritanopia
5F4C52

Trichromacy



Original Color
5B5122

Protanomaly
5A5122

Deuteranomaly
614E23

Tritanomaly
5E4E41

Monochromacy



Original Color
5B5122

Achromatopsia
4F4F4F

Achromatomaly
53503F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B5122 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 #5B5122 looks like.

```
.text, #text, p{  
    color:#5B5122  
}
```

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 #5B5122 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B5122
}
```

Border

The CSS property to change the border of an element to Hex 5B5122 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
#5B5122 }
```

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

```
.border{ border-color:#5B5122 }
```

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

Here you see how a box with a 4 pixel #5B5122 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B5122; -webkit-box-shadow:4px 4px  
4px 4px #5B5122; box-shadow:4px 4px 4px  
4px #5B5122 }
```

Background

The CSS property to change the background color of an element to Hex 5B5122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B5122 }
```

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

```
.background{ background-color:#5B5122 }
```

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