

Converting Colors

Hex(5B5420)

Have a look what the booklet for
Hex(5B5420) contains.

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Color

Hex(5B5420)

Conversions

Conversions Part 1

Format	Color
Hex	5B5420
RGB	91, 84, 32
RGB Percent	36%, 33%, 13%
CMY	0.6431, 0.6706, 0.8745
CMYK	0.00, 0.08, 0.65, 0.64
HSL	53°, 48%, 24%
HSV	53°, 65%, 36%
XYZ	7.7454, 8.6691, 2.6316
YIQ	80.1650, 20.8640, -14.6880

Conversions

Conversions Part 2

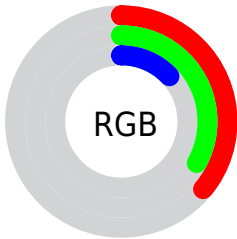
Format	Color
RYB	40, 91, 32
Decimal	5985312
CIELab	35.34, -4.52, 30.69
CIElCh	35, 31.021, 98.371
Yxy	8.6691, 0.4067, 0.4552
Android (android.graphics.Color)	4284175392 (0xFF5B5420)
YUV	80.1650, -23.7453, 9.5023
Hunter-Lab	29.4433, -4.5692, 15.3111

Details

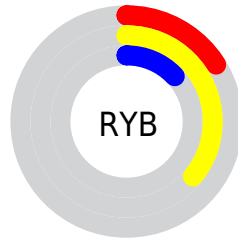
The Hex color **5B5420** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **20275B**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **8F854F**, and **2B2700** is the 20% darker color. If you saturate the color by 10%, you get **5B5317**, and if you desaturate by 10%, it is **5B5529**.

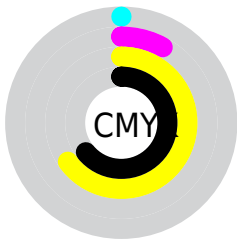
Distribution



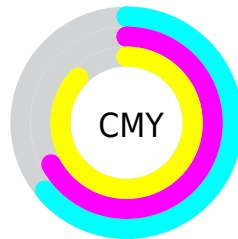
- Red (36%)
- Green (33%)
- Blue (13%)



- Red (16%)
- Yellow (36%)
- Blue (13%)



- Cyan (0%)
- Magenta (8%)
- Yellow (65%)
- Black (64%)



- Cyan (64%)
- Magenta (67%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B5420 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 5B5420 by changing the saturation by 10% instead.

 5B5420

 5B5420


FFFFFF

 423D09

 8F854F

 2B2700

 AA9F67

 111300

 C6BA81

 000000

 E2D69B

 FFF2B6

 FFFFD2

 FFFFEE

 5B5420

 5B5420

■ 5B5317

■ 5B5529

■ 5B520E

■ 5B5632

■ 5B5105

■ 5B573B

■ 5B5000

■ 5B5844

■ 5B594E

■ 5B5A57

■ 5B5C60

■ 5B5D69

■ 5B5E72

Harmonies

Analogous

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



704B25



5B5420



405A2B

Triad

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



5B5420



005F71



774166

Complementary

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



5B5420



20275B

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.



5E4A7A



5B5420



005B81

Square

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



5B5420



00605A



355384



813E4D

Rectangle

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



5B5420



2A5D38



355384



70446D

Sweetspot

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



5B5420



75735F



5B2028



3B392D



BABABA



3B3B3B

Same Dimension

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



5B5420



756A1A



455B20



2E2D29



6E6100



EDD100

Inverse Universe

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



20275B



1A2575



36205B



292A2E



000D6E



001CED

Previews

White Background



This preview shows how the Hex color 5B5420 looks on a white background.

Color Contrast Check

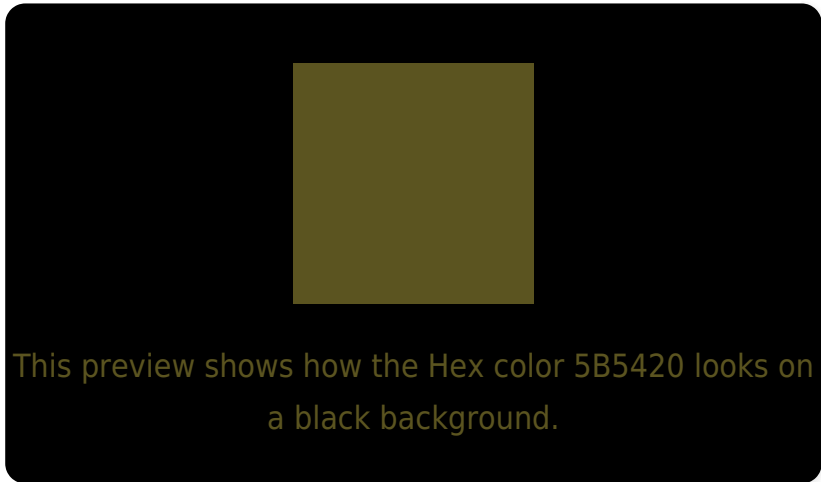
Large Text (above 18pt) WCAG AA ✓ Pass

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

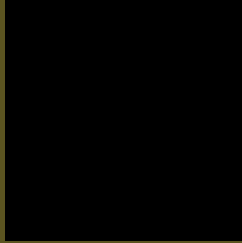
Any Text WCAG AA × Fail

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 5B5420 Background



This preview shows how black text looks on a background with the Hex color 5B5420.



This preview shows how white text looks on a background with the Hex color 5B5420.

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
5B5420

Protanopia
5D5320

Deuteranopia
674F22



Tritanopia
604F55

Trichromacy



Original Color
5B5420

Protanomaly
5C5320

Deuteranomaly
635121

Tritanomaly
5E5142

Monochromacy



Original Color
5B5420

Achromatopsia
505050

Achromatomaly
54513F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B5420 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 #5B5420 looks like.

```
.text, #text, p{  
    color:#5B5420  
}
```

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 #5B5420 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B5420
}
```

Border

The CSS property to change the border of an element to Hex 5B5420 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
#5B5420 }
```

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

```
.border{ border-color:#5B5420 }
```

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

Here you see how a box with a 4 pixel #5B5420 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B5420; -webkit-box-shadow:4px 4px  
4px 4px #5B5420; box-shadow:4px 4px 4px  
4px #5B5420 }
```

Background

The CSS property to change the background color of an element to Hex 5B5420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B5420 }
```

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

```
.background{ background-color:#5B5420 }
```

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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