

Converting Colors

Hex(5A5420)

Have a look what the booklet for
Hex(5A5420) contains.

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Color

Hex(5A5420)

Conversions

Conversions Part 1

Format	Color
Hex	5A5420
RGB	90, 84, 32
RGB Percent	35%, 33%, 13%
CMY	0.6471, 0.6706, 0.8745
CMYK	0.00, 0.07, 0.64, 0.65
HSL	54°, 48%, 24%
HSV	54°, 64%, 35%
XYZ	7.6475, 8.6186, 2.6270
YIQ	79.8660, 20.2680, -14.9000

Conversions

Conversions Part 2

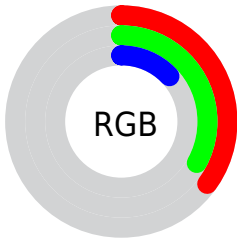
Format	Color
R_{YB}	39, 90, 32
Decimal	5919776
CIE Lab	35.24, -5.00, 30.55
CIE LCh	35, 30.959, 99.301
Yxy	8.6186, 0.4048, 0.4562
Android (android.graphics.Color)	4284109856 (0xFF5A5420)
YUV	79.8660, -23.5979, 8.8875
Hunter-Lab	29.3574, -4.8770, 15.2448

Details

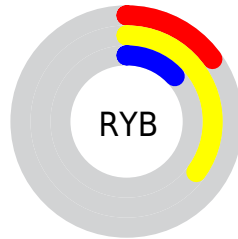
The Hex color **5A5420** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **20265A**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **8E854F**, and **2B2700** is the 20% darker color. If you saturate the color by 10%, you get **5A5317**, and if you desaturate by 10%, it is **5A5529**.

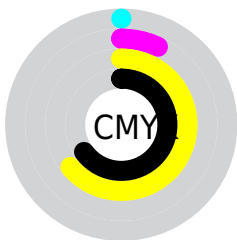
Distribution



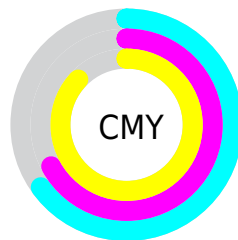
- Red (35%)
- Green (33%)
- Blue (13%)



- Red (15%)
- Yellow (35%)
- Blue (13%)



- Cyan (0%)
- Magenta (7%)
- Yellow (64%)
- Black (65%)



- Cyan (65%)
- Magenta (67%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A5420 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 5A5420 by changing the saturation by 10% instead.

 5A5420

 5A5420

FFFFFF

 413D09

 8E854F

 2B2700

 A99F67

 101300

 C5BA81

 000000

 E1D69B

 FEF2B6

 FFFFD2

 FFFFEE

 5A5420

 5A5420

■ 5A5317

■ 5A5529

■ 5A520E

■ 5A5632

■ 5A5105

■ 5A573B

■ 5A5100

■ 5A5844

■ 5A594D

■ 5A5A56

■ 5A5B5F

■ 5A5B68

■ 5A5C71

Harmonies

Analogous

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



6F4B24



5A5420



3F5A2B

Triad

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



5A5420



005E71



774165

Complementary

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



5A5420



20265A

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.



5F4979



5A5420



005A81

Square

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



5A5420



005F5A



365384



813E4C

Rectangle

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



5A5420



295D39



365384



71436C

Sweetspot

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



5A5420



75735F



5A2027



3B392D



BABABA



3B3B3B

Same Dimension

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



5A5420



756C1B



445A20



2E2D29



6E6200



EDD500

Inverse Universe

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



20265A



1B2475



36205A



292A2E



000B6E



0019ED

Previews

White Background



This preview shows how the Hex color 5A5420 looks on a white background.

Color Contrast Check

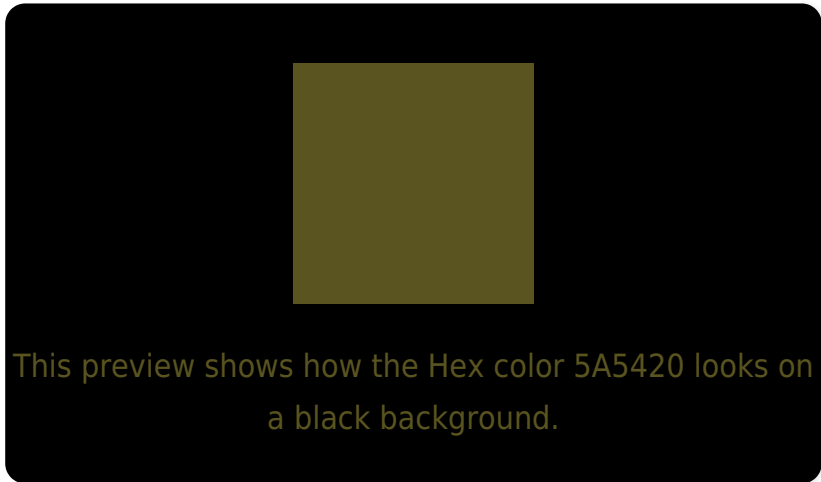
Large Text (above 18pt) WCAG AA ✓ Pass

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

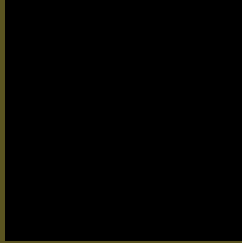
Any Text WCAG AA × Fail

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 5A5420 Background



This preview shows how black text looks on a background with the Hex color 5A5420.



This preview shows how white text looks on a background with the Hex color 5A5420.

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
5A5420

Protanopia
5D5320

Deuteranopia
674F22



Tritanopia
5F4F55

Trichromacy



Original Color
5A5420

Protanomaly
5C5320

Deuteranomaly
625121

Tritanomaly
5D5142

Monochromacy



Original Color
5A5420

Achromatopsia
505050

Achromatomaly
54513F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A5420 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 #5A5420 looks like.

```
.text, #text, p{  
    color:#5A5420  
}
```

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 #5A5420 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A5420
}
```

Border

The CSS property to change the border of an element to Hex 5A5420 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
#5A5420 }
```

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

```
.border{ border-color:#5A5420 }
```

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

Here you see how a box with a 4 pixel #5A5420 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A5420; -webkit-box-shadow:4px 4px  
4px 4px #5A5420; box-shadow:4px 4px 4px  
4px #5A5420 }
```

Background

The CSS property to change the background color of an element to Hex 5A5420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A5420 }
```

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

```
.background{ background-color:#5A5420 }
```

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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