

Converting Colors

Hex(5D3420)

Have a look what the booklet for
Hex(5D3420) contains.

Hex(5D3420)	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(5D3420)

Conversions

Conversions Part 1

Format	Color
Hex	5D3420
RGB	93, 52, 32
RGB Percent	36%, 20%, 13%
CMY	0.6353, 0.7961, 0.8745
CMYK	0.00, 0.44, 0.66, 0.64
HSL	20°, 49%, 25%
HSV	20°, 66%, 36%
XYZ	6.0029, 4.8874, 1.9935
YIQ	61.9790, 30.8560, 2.4720

Conversions

Conversions Part 2

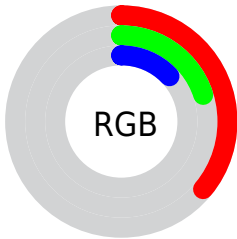
Format	Color
RYB	93, 62, 32
Decimal	6108192
CIELab	26.41, 16.31, 20.41
CIElCh	26, 26.127, 51.373
Yxy	4.8874, 0.4659, 0.3793
Android (android.graphics.Color)	4284298272 (0xFF5D3420)
YUV	61.9790, -14.7796, 27.2054
Hunter-Lab	22.1075, 9.7803, 10.1290

Details

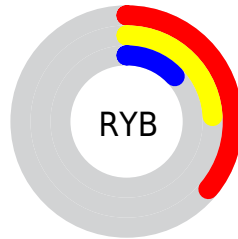
The Hex color **5D3420** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **20495D**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **92634D**, and **2B0900** is the 20% darker color. If you saturate the color by 10%, you get **5D2E17**, and if you desaturate by 10%, it is **5D3A29**.

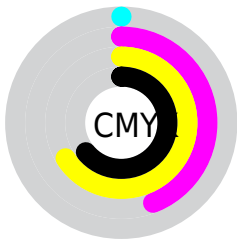
Distribution



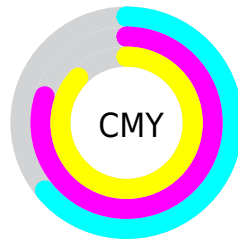
- Red (36%)
- Green (20%)
- Blue (13%)



- Red (36%)
- Yellow (24%)
- Blue (13%)



- Cyan (0%)
- Magenta (44%)
- Yellow (66%)
- Black (64%)



- Cyan (64%)
- Magenta (80%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D3420 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 5D3420 by changing the saturation by 10% instead.

 5D3420

 5D3420

FFFFFF

 441E0A

 92634D

 2B0900

 AE7C65

 020000

 CA967E

 000000

 E7B198

 FFCCB3

 FFE9CE

 FFFFEA

 5D3420

 5D3420

■ 5D2E17

■ 5D3A29

■ 5D270D

■ 5D4133

■ 5D2104

■ 5D473C

■ 5D1E00

■ 5D4D45

■ 5D534E

■ 5D5A58

■ 5D6061

■ 5D666A

■ 5D6C74

Harmonies

Analogous

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



642E31



5D3420



4F3B16

Triad

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



5D3420



004838



363C64

Complementary

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



5D3420



20495D

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.



014266



5D3420



00484C

Square

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



5D3420



244625



00475D



513458

Rectangle

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



5D3420



434016



00475D



2A3E65

Sweetspot

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



5D3420



786860



5D204A



3D332F



BDBDBD



3D3D3D

Same Dimension

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



5D3420



783819



5D5220



2E2B29



6E2400



ED4E00

Inverse Universe

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



20495D



195978



202B5D



292C2E



004A6E



009FED

Previews

White Background



This preview shows how the Hex color 5D3420 looks on a white background.

Color Contrast Check

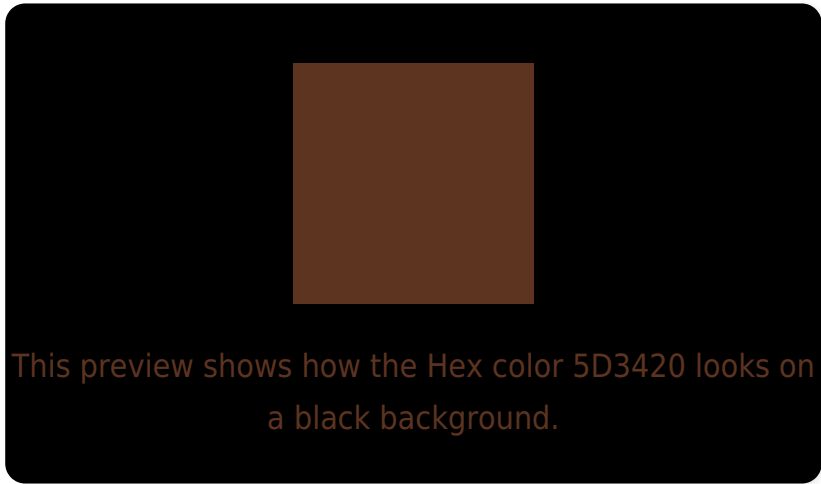
Large Text (above 18pt) WCAG AA ✓ Pass

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

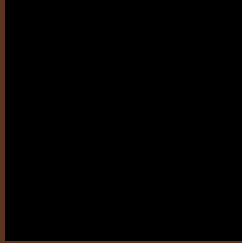
Any Text WCAG AA × Fail

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 5D3420 Background



This preview shows how black text looks on a background with the Hex color 5D3420.

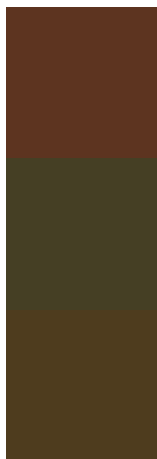


This preview shows how white text looks on a background with the Hex color 5D3420.

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
5D3420

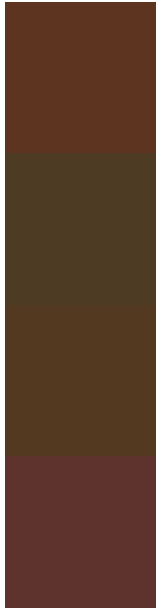
Protanopia
453F24

Deuteranopia
4E3C1E



Tritanopia
5E3135

Trichromacy



Original Color
5D3420

Protanomaly
4E3B23

Deuteranomaly
53391F

Tritanomaly
5E322D

Monochromacy



Original Color
5D3420

Achromatopsia
3E3E3E

Achromatomaly
493A33

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D3420 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 #5D3420 looks like.

```
.text, #text, p{  
    color:#5D3420  
}
```

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 #5D3420 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D3420
}
```

Border

The CSS property to change the border of an element to Hex 5D3420 is called "border". The border property can be set on classes, ids or directly on the HTML element.

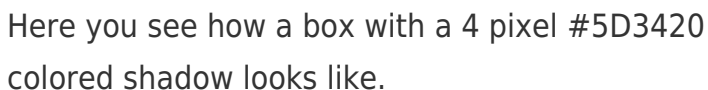
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D3420 }
```

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

```
.border{ border-color:#5D3420 }
```

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



Here you see how a box with a 4 pixel #5D3420 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D3420; -webkit-box-shadow:4px 4px  
4px 4px #5D3420; box-shadow:4px 4px 4px  
4px #5D3420 }
```

Background

The CSS property to change the background color of an element to Hex 5D3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D3420 }
```

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

```
.background{ background-color:#5D3420 }
```

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