

Converting Colors

Hex(5B5400)

Have a look what the booklet for
Hex(5B5400) contains.

Hex(5B5400)	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(5B5400)

Conversions

Conversions Part 1

Format	Color
Hex	5B5400
RGB	91, 84, 0
RGB Percent	36%, 33%, 0%
CMY	0.6431, 0.6706, 1.0000
CMYK	0.00, 0.08, 1.00, 0.64
HSL	55°, 100%, 18%
HSV	55°, 100%, 36%
XYZ	7.4847, 8.5648, 1.2587
YIQ	76.5170, 31.1360, -24.6400

Conversions

Conversions Part 2

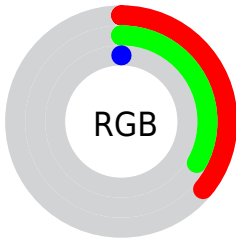
Format	Color
R_{YB}	8, 91, 0
Decimal	5985280
CIE _{Lab}	35.13, -6.09, 42.94
CIE _{LCh}	35, 43.367, 98.067
Yxy	8.5648, 0.4324, 0.4948
Android (android.graphics.Color)	4284175360 (0xFF5B5400)
YUV	76.5170, -37.7229, 12.7016
Hunter-Lab	29.2657, -5.5635, 17.9360

Details

The Hex color **5B5400** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **00075B**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **908536**, and **292800** is the 20% darker color. If you saturate the color by 10%, you get **5B5400**, and if you desaturate by 10%, it is **5B5509**.

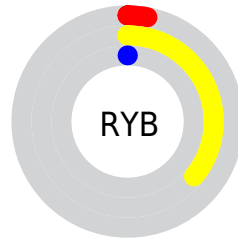
Distribution



Red (36%)

Green (33%)

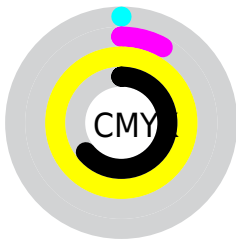
Blue (0%)



Red (3%)

Yellow (36%)

Blue (0%)

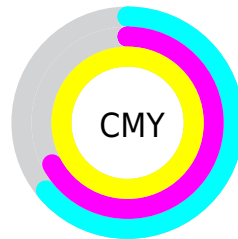


Cyan (0%)

Magenta (8%)

Yellow (100%)

Black (64%)



Cyan (64%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B5400 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 5B5400 by changing the saturation by 10% instead.

 5B5400

 5B5400

 FFFFFF1

 423D00

 908536

 292800

 AC9F4F

 0D1400

 C8BA68

 000000

 E5D682

 FFF29D

 FFFFB9

 FFFF D5

 5B5400

 5B5509

 5B5512

 5B561B

 5B5724

 5B582E

 5B5837

 5B5940

 5B5A49

 5B5A52

Harmonies

Analogous

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



78470D



5B5400



365C16

Triad

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



5B5400



00627D



83366D

Complementary

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



5B5400



00075B

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.



604589



5B5400



005D93

Square

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



5B5400



00635B



065497



90304B

Rectangle

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



5B5400



07602C



065497



7A3B78

Sweetspot

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



5B5400



757352



5B0008



3B3926



BABABA



3B3B3B

Same Dimension

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



5B5400



756C00



355B00



2E2E29



6E6500



EDDB00

Inverse Universe

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



00075B



000975



26005B



292A2E



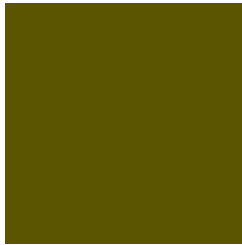
00086E



0012ED

Previews

White Background



This preview shows how the Hex color 5B5400 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

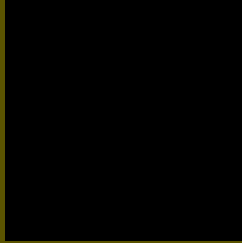
Any Text WCAG AA × Fail

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 5B5400 Background



This preview shows how black text looks on a background with the Hex color 5B5400.



This preview shows how white text looks on a background with the Hex color 5B5400.

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](#).

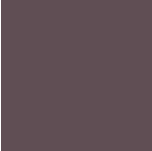
Dichromacy



Original Color
5B5400

Protanopia
5E5300

Deuteranopia
694F0B



Tritanopia
604E54

Trichromacy



Original Color
5B5400

Protanomaly
5D5300

Deuteranomaly
645107

Tritanomaly
5E5035

Monochromacy



Original Color
5B5400

Achromatopsia
4D4D4D

Achromatomaly
525031

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B5400 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 #5B5400 looks like.

```
.text, #text, p{  
    color:#5B5400  
}
```

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 #5B5400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B5400
}
```

Border

The CSS property to change the border of an element to Hex 5B5400 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
#5B5400 }
```

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

```
.border{ border-color:#5B5400 }
```

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

Here you see how a box with a 4 pixel #5B5400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B5400; -webkit-box-shadow:4px 4px  
4px 4px #5B5400; box-shadow:4px 4px 4px  
4px #5B5400 }
```

Background

The CSS property to change the background color of an element to Hex 5B5400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B5400 }
```

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

```
.background{ background-color:#5B5400 }
```

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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