

Converting Colors

Hex(52300F)

Have a look what the booklet for
Hex(52300F) contains.

Hex(52300F)	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(52300F)

Conversions

Conversions Part 1

Format	Color
Hex	52300F
RGB	82, 48, 15
RGB Percent	32%, 19%, 6%
CMY	0.6784, 0.8118, 0.9412
CMYK	0.00, 0.41, 0.82, 0.68
HSL	30°, 69%, 19%
HSV	30°, 82%, 32%
XYZ	4.6229, 3.9422, 0.9692
YIQ	54.4040, 30.8570, -3.0550

Conversions

Conversions Part 2

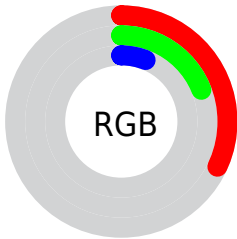
Format	Color
RYB	82, 80, 15
Decimal	5386255
CIELab	23.48, 12.34, 26.62
CIELCh	23, 29.341, 65.124
Yxy	3.9422, 0.4849, 0.4135
Android (android.graphics.Color)	4283576335 (0xFF52300F)
YUV	54.4040, -19.4262, 24.2017
Hunter-Lab	19.8551, 6.8138, 11.0043

Details

The Hex color **52300F** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0F3152**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **875E3B**, and **220300** is the 20% darker color. If you saturate the color by 10%, you get **522C07**, and if you desaturate by 10%, it is **523417**.

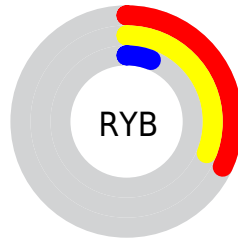
Distribution



Red (32%)

Green (19%)

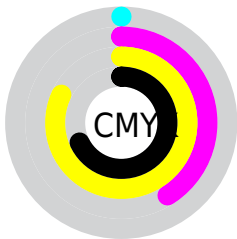
Blue (6%)



Red (32%)

Yellow (31%)

Blue (6%)

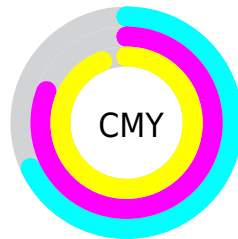


Cyan (0%)

Magenta (41%)

Yellow (82%)

Black (68%)



Cyan (68%)

Magenta (81%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52300F 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 52300F by changing the saturation by 10% instead.

 52300F

 52300F

 FFFFF2

 391B00

 875E3B

 220300

 A27752

 000000

 BE916B

 DBAB84

 F8C69F

 FFE3BA

 FFFFD6

 52300F

 52300F

■ 522C07

■ 523417

■ 522800

■ 52381F

■ 523C28

■ 524130

■ 524538

■ 524940

■ 524D48

■ 525151

■ 525559

Harmonies

Analogous

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



5D2820



52300F



403807

Triad

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



52300F



00433B



3E315C

Complementary

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



52300F



0F3152

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.



0D3964



52300F



004251

Square

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



52300F



024125



003F60



55274B

Rectangle

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



52300F



313C0D



003F60



323460

Sweetspot

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



52300F



6B5E50



520F32



362D25



B5B5B5



363636

Same Dimension

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



52300F



6B3602



52510F



292725



693300



E87200

Inverse Universe

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



0F3152



02376B



0F1052



252729



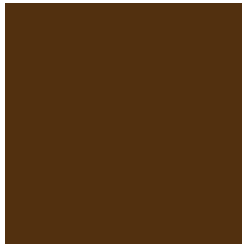
003569



0076E8

Previews

White Background



This preview shows how the Hex color 52300F looks on a white background.

Color Contrast Check

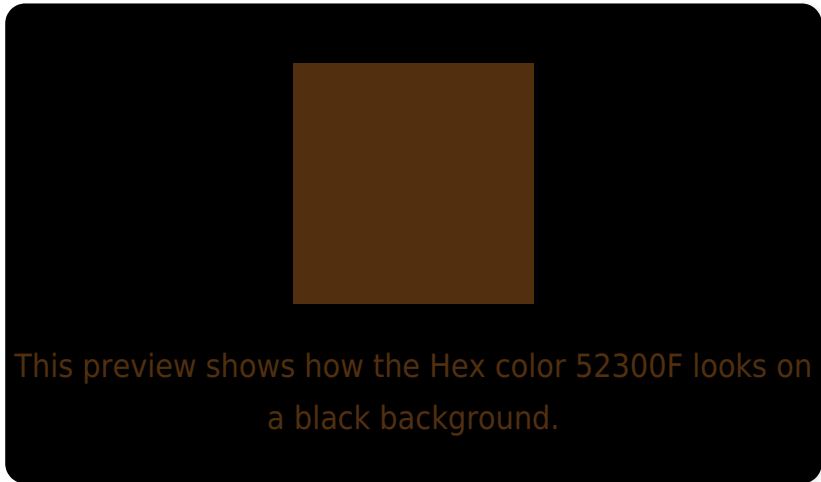
Large Text (above 18pt) WCAG AA ✓ Pass

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

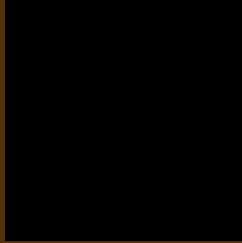
Any Text WCAG AA × Fail

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 52300F Background



This preview shows how black text looks on a background with the Hex color 52300F.



This preview shows how white text looks on a background with the Hex color 52300F.

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
52300F

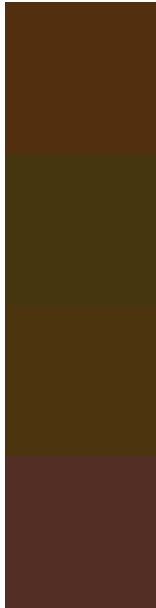
Protanopia
3F3911

Deuteranopia
47360D



Tritanopia
542D30

Trichromacy



Original Color
52300F

Protanomaly
463610

Deuteranomaly
4B340E

Tritanomaly
532E24

Monochromacy



Original Color
52300F

Achromatopsia
363636

Achromatomaly
403428

CSS Examples

Text

The CSS property to change the color of the text to Hex 52300F 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 #52300F looks like.

```
.text, #text, p{  
    color:#52300F  
}
```

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 #52300F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52300F
}
```

Border

The CSS property to change the border of an element to Hex 52300F is called "border". The border property can be set on classes, ids or directly on the HTML element.

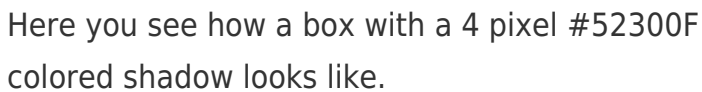
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#52300F }
```

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

```
.border{ border-color:#52300F }
```

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



Here you see how a box with a 4 pixel #52300F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52300F; -webkit-box-shadow:4px 4px  
4px 4px #52300F; box-shadow:4px 4px 4px  
4px #52300F }
```

Background

The CSS property to change the background color of an element to Hex 52300F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52300F }
```

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

```
.background{ background-color:#52300F }
```

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