

Converting Colors

Hex(583520)

Have a look what the booklet for
Hex(583520) contains.

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Color

Hex(583520)

Conversions

Conversions Part 1

Format	Color
Hex	583520
RGB	88, 53, 32
RGB Percent	35%, 21%, 13%
CMY	0.6549, 0.7922, 0.8745
CMYK	0.00, 0.40, 0.64, 0.65
HSL	23°, 47%, 24%
HSV	23°, 64%, 35%
XYZ	5.5583, 4.7252, 1.9856
YIQ	61.0710, 27.6010, 0.8890

Conversions

Conversions Part 2

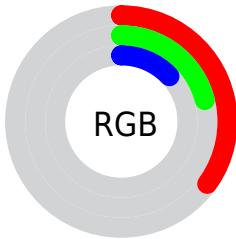
Format	Color
R_YB	88, 66, 32
Decimal	5780768
CIE Lab	25.94, 13.31, 19.66
CIE LCh	26, 23.745, 55.899
Yxy	4.7252, 0.4530, 0.3851
Android (android.graphics.Color)	4283970848 (0xFF583520)
YUV	61.0710, -14.3320, 23.6167
Hunter-Lab	21.7375, 7.6021, 9.8005

Details

The Hex color **583520** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **204358**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **8C644D**, and **280A00** is the 20% darker color. If you saturate the color by 10%, you get **583017**, and if you desaturate by 10%, it is **583B29**.

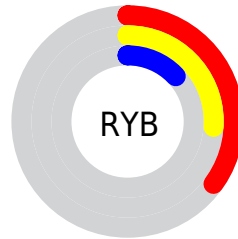
Distribution



Red (35%)

Green (21%)

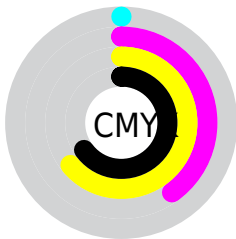
Blue (13%)



Red (35%)

Yellow (26%)

Blue (13%)

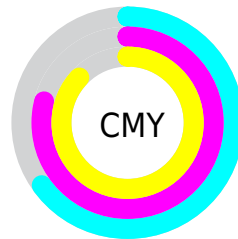


Cyan (0%)

Magenta (40%)

Yellow (64%)

Black (65%)



Cyan (65%)

Magenta (79%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 583520 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 583520 by changing the saturation by 10% instead.

 583520

 583520

FFFFFF

 3F1F0A

 8C644D

 280A00

 A87D65

 000000

 C4977E

 E0B298

 FDCDB2

 FFE9CE

 FFFFEA

 583520

 583520

■ 583017

■ 583B29

■ 582A0E

■ 584032

■ 582506

■ 58463A

■ 582100

■ 584B43

■ 58514C

■ 585655

■ 585C5E

■ 586166

■ 58676F

Harmonies

Analogous

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



5F302F



583520



4A3C19

Triad

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



583520



00463A



3B3A5E

Complementary

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



583520



204358

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.



174061



583520



00464D

Square

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



583520



234528



00445B



513352

Rectangle

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



583520



3F3F19



00445B



313C60

Sweetspot

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



583520



73655D



582043



3B322D



BABABA



3B3B3B

Same Dimension

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



583520



733C1C



585120



2B2927



6B2800



EB5800

Inverse Universe

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



204358



1C5273



202758



272A2B



00436B



0093EB

Previews

White Background



This preview shows how the Hex color 583520 looks on a white background.

Color Contrast Check

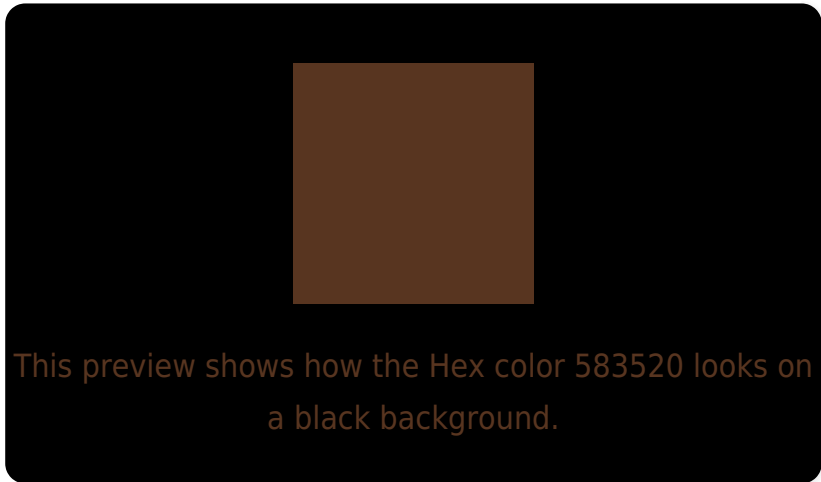
Large Text (above 18pt) WCAG AA ✓ Pass

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

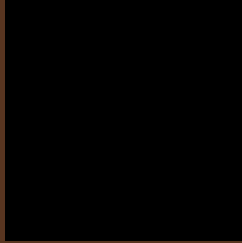
Any Text WCAG AA × Fail

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 583520 Background



This preview shows how black text looks on a background with the Hex color 583520.

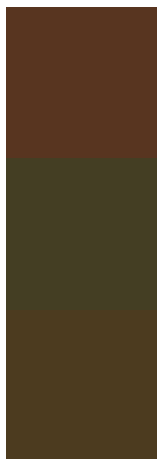


This preview shows how white text looks on a background with the Hex color 583520.

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
583520

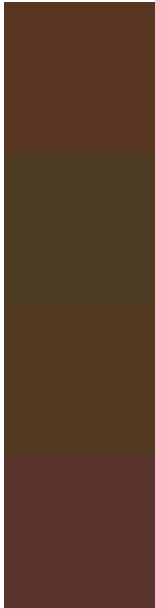
Protanopia
443E23

Deuteranopia
4C3B1F



Tritanopia
593236

Trichromacy



Original Color
583520

Protanomaly
4B3B22

Deuteranomaly
50391F

Tritanomaly
59332E

Monochromacy



Original Color
583520

Achromatopsia
3D3D3D

Achromatomaly
473A32

CSS Examples

Text

The CSS property to change the color of the text to Hex 583520 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 #583520 looks like.

```
.text, #text, p{  
    color:#583520  
}
```

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 #583520 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #583520  
}
```

Border

The CSS property to change the border of an element to Hex 583520 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".

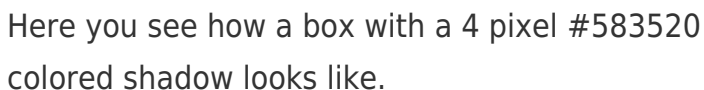
```
.border, #border, table{ border:4px solid  
#583520 }
```

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

```
.border{ border-color:#583520 }
```

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

Here you see how a box with a 4 pixel #583520 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #583520; -webkit-box-shadow:4px 4px  
4px 4px #583520; box-shadow:4px 4px 4px  
4px #583520 }
```

Background

The CSS property to change the background color of an element to Hex 583520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#583520 }
```

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

```
.background{ background-color:#583520 }
```

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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