

Converting Colors

Hex(553818)

Have a look what the booklet for
Hex(553818) contains.

Hex(553818)	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(553818)

Conversions

Conversions Part 1

Format	Color
Hex	553818
RGB	85, 56, 24
RGB Percent	33%, 22%, 9%
CMY	0.6667, 0.7804, 0.9059
CMYK	0.00, 0.34, 0.72, 0.67
HSL	31°, 56%, 21%
HSV	31°, 72%, 33%
XYZ	5.3254, 4.8256, 1.5149
YIQ	61.0230, 27.5560, -3.8040

Conversions

Conversions Part 2

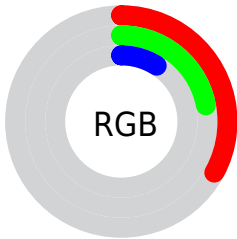
Format	Color
RYB	79, 85, 24
Decimal	5584920
CIELab	26.23, 9.29, 24.71
CIELCh	26, 26.400, 69.394
Yxy	4.8256, 0.4565, 0.4137
Android (android.graphics.Color)	4283775000 (0xFF553818)
YUV	61.0230, -18.2523, 21.0278
Hunter-Lab	21.9672, 4.8298, 11.2883

Details

The Hex color **553818** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **183555**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **896744**, and **240E00** is the 20% darker color. If you saturate the color by 10%, you get **55340F**, and if you desaturate by 10%, it is **553C20**.

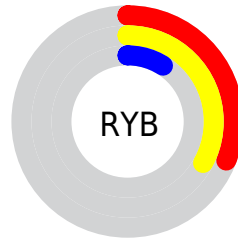
Distribution



Red (33%)

Green (22%)

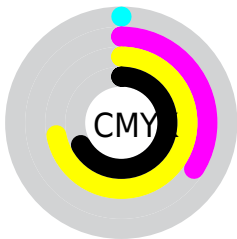
Blue (9%)



Red (31%)

Yellow (33%)

Blue (9%)

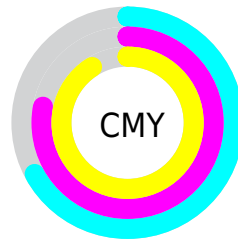


Cyan (0%)

Magenta (34%)

Yellow (72%)

Black (67%)



Cyan (67%)

Magenta (78%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 553818 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 553818 by changing the saturation by 10% instead.

 553818

 553818

FFFFFFE

 3D2200

 896744

 240E00

 A4805C

 000000

 C09A75

 DDB58F

 FAD0AA

 FFEDC5

 FFFFE1

 553818

 553818

■ 55340F

■ 553C20

■ 553007

■ 554029

■ 552D00

■ 554431

■ 55483A

■ 554C42

■ 55504B

■ 555453

■ 55585C

■ 555C64

Harmonies

Analogous

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



613126



553818



443F15

Triad

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



553818



004844



48365D

Complementary

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



553818



183555

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.



263E66



553818



004757

Square

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



553818



0E472F



004463



5C2F4D

Rectangle

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



553818



364319



004463



3E3961

Sweetspot

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



553818



6E6256



551835



38312A



B8B8B8



383838

Same Dimension

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



553818



6E410F



545518



2B2927



6B3800



EB7B00

Inverse Universe

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



183555



0F3C6E



191855



27292B



00336B



0070EB

Previews

White Background



This preview shows how the Hex color 553818 looks on a white background.

Color Contrast Check

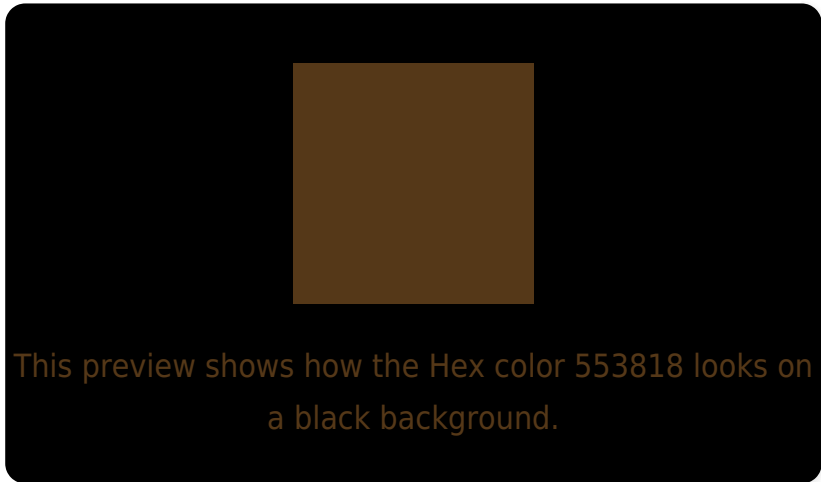
Large Text (above 18pt) WCAG AA ✓ Pass

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 553818 Background



This preview shows how black text looks on a background with the Hex color 553818.



This preview shows how white text looks on a background with the Hex color 553818.

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
553818

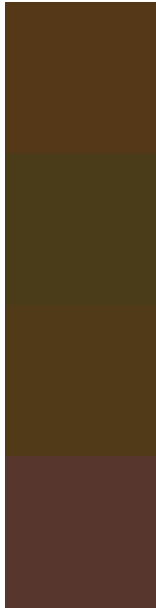
Protanopia
463F1A

Deuteranopia
4E3B17



Tritanopia
573539

Trichromacy



Original Color
553818

Protanomaly
4B3C19

Deuteranomaly
513A17

Tritanomaly
56362D

Monochromacy



Original Color
553818

Achromatopsia
3D3D3D

Achromatomaly
463B30

CSS Examples

Text

The CSS property to change the color of the text to Hex 553818 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 #553818 looks like.

```
.text, #text, p{  
    color:#553818  
}
```

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 #553818 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #553818
}
```

Border

The CSS property to change the border of an element to Hex 553818 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
#553818 }
```

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

```
.border{ border-color:#553818 }
```

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

Here you see how a box with a 4 pixel #553818 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #553818; -webkit-box-shadow:4px 4px  
4px 4px #553818; box-shadow:4px 4px 4px  
4px #553818 }
```

Background

The CSS property to change the background color of an element to Hex 553818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#553818 }
```

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

```
.background{ background-color:#553818 }
```

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