

Converting Colors

Hex(553311)

Have a look what the booklet for
Hex(553311) contains.

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Color

Hex(553311)

Conversions

Conversions Part 1

Format	Color
Hex	553311
RGB	85, 51, 17
RGB Percent	33%, 20%, 7%
CMY	0.6667, 0.8000, 0.9333
CMYK	0.00, 0.40, 0.80, 0.67
HSL	30°, 67%, 20%
HSV	30°, 80%, 33%
XYZ	5.0313, 4.3394, 1.1027
YIQ	57.2900, 31.1780, -3.3660

Conversions

Conversions Part 2

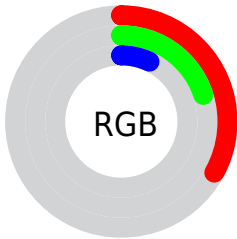
Format	Color
RYB	85, 85, 17
Decimal	5583633
CIELab	24.76, 12.03, 27.01
CIELCh	25, 29.570, 65.985
Yxy	4.3394, 0.4804, 0.4143
Android (android.graphics.Color)	4283773713 (0xFF553311)
YUV	57.2900, -19.8630, 24.3017
Hunter-Lab	20.8313, 6.6579, 11.4433

Details

The Hex color **553311** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **113355**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **8A613D**, and **240700** is the 20% darker color. If you saturate the color by 10%, you get **552F08**, and if you desaturate by 10%, it is **553719**.

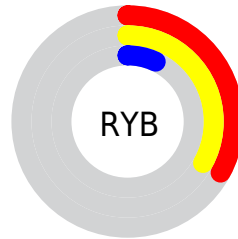
Distribution



Red (33%)

Green (20%)

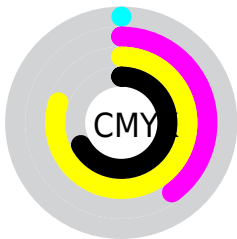
Blue (7%)



Red (33%)

Yellow (33%)

Blue (7%)

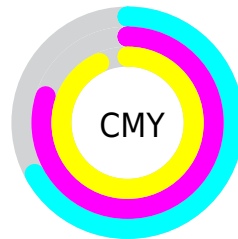


Cyan (0%)

Magenta (40%)

Yellow (80%)

Black (67%)



Cyan (67%)

Magenta (80%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 553311 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 553311 by changing the saturation by 10% instead.

 553311

 553311

 FFFFF5

 3C1E00

 8A613D

 240700

 A57A55

 000000

 C1946D

 DEAF87

 FCCAA1

 FFE6BD

 FFFFD8

 553311

 553311

■ 552F08

■ 553719

■ 552B00

■ 553B22

■ 55402A

■ 554433

■ 55483B

■ 554C44

■ 55514C

■ 555555

■ 55595E

Harmonies

Analogous

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



612A22



553311



433B0A

Triad

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



553311



00463F



42335F

Complementary

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



553311



113355

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.



143C67



553311



004554

Square

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



553311



034428



004263



592A4D

Rectangle

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



553311



343F10



004263



363663

Sweetspot

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



553311



6E6053



551133



383028



B8B8B8



383838

Same Dimension

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



553311



6E3904



555511



2B2927



6B3600



EB7500

Inverse Universe

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



113355



04396E



111155



27292B



00366B



0075EB

Previews

White Background



This preview shows how the Hex color 553311 looks on a white background.

Color Contrast Check

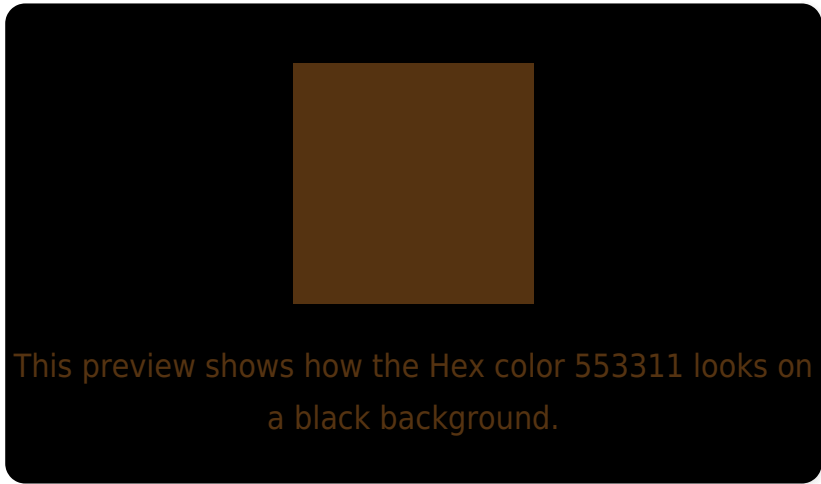
Large Text (above 18pt) WCAG AA ✓ Pass

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

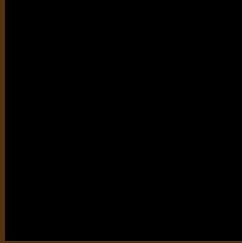
Any Text WCAG AA × Fail

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 553311 Background



This preview shows how black text looks on a background with the Hex color 553311.



This preview shows how white text looks on a background with the Hex color 553311.

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
553311

Protanopia
423B13

Deuteranopia
4B380F



Tritanopia
573033

Trichromacy



Original Color
553311

Protanomaly
493812

Deuteranomaly
4F3610

Tritanomaly
563127

Monochromacy



Original Color
553311

Achromatopsia
393939

Achromatomaly
43372A

CSS Examples

Text

The CSS property to change the color of the text to Hex 553311 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 #553311 looks like.

```
.text, #text, p{  
    color:#553311  
}
```

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 #553311 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #553311
}
```

Border

The CSS property to change the border of an element to Hex 553311 is called "border". The border property can be set on classes, ids or directly on the HTML element.

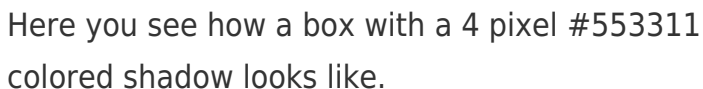
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#553311 }
```

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

```
.border{ border-color:#553311 }
```

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



Here you see how a box with a 4 pixel #553311 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #553311; -webkit-box-shadow:4px 4px  
4px 4px #553311; box-shadow:4px 4px 4px  
4px #553311 }
```

Background

The CSS property to change the background color of an element to Hex 553311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#553311 }
```

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

```
.background{ background-color:#553311 }
```

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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