

Converting Colors

Hex(553E1B)

Have a look what the booklet for
Hex(553E1B) contains.

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Color

Hex(553E1B)

Conversions

Conversions Part 1

Format	Color
Hex	553E1B
RGB	85, 62, 27
RGB Percent	33%, 24%, 11%
CMY	0.6667, 0.7569, 0.8941
CMYK	0.00, 0.27, 0.68, 0.67
HSL	36°, 52%, 22%
HSV	36°, 68%, 33%
XYZ	5.6668, 5.4557, 1.7913
YIQ	64.8870, 24.9430, -6.0090

Conversions

Conversions Part 2

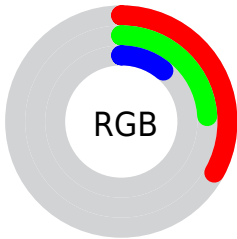
Format	Color
RYB	65, 85, 27
Decimal	5586459
CIELab	28.00, 5.69, 24.99
CIELCh	28, 25.628, 77.162
Yxy	5.4557, 0.4388, 0.4225
Android (android.graphics.Color)	4283776539 (0xFF553E1B)
YUV	64.8870, -18.6783, 17.6391
Hunter-Lab	23.3574, 2.4307, 11.8032

Details

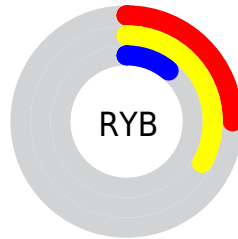
The Hex color **553E1B** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1B3255**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **896D48**, and **251400** is the 20% darker color. If you saturate the color by 10%, you get **553B13**, and if you desaturate by 10%, it is **554124**.

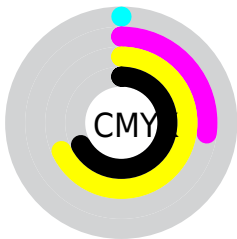
Distribution



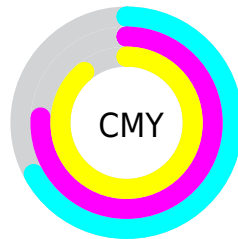
- Red (33%)
- Green (24%)
- Blue (11%)



- Red (25%)
- Yellow (33%)
- Blue (11%)



- Cyan (0%)
- Magenta (27%)
- Yellow (68%)
- Black (67%)



- Cyan (67%)
- Magenta (76%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 553E1B 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 553E1B by changing the saturation by 10% instead.

■ 553E1B

■ 553E1B

FFFFFF

■ 3D2803

■ 896D48

■ 251400

■ A48760

■ 000000

■ C0A179

■ DCBC93

■ F9D8AE

■ FFF4C9

■ FFFF5

■ 553E1B

■ 553E1B

■ 553B13

■ 554124

■ 55370A

■ 55452C

■ 553402

■ 554835

■ 553300

■ 554B3D

■ 554F46

■ 55524E

■ 555656

■ 55595F

■ 555C67

Harmonies

Analogous

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



623726



553E1B



43441B

Triad

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



553E1B



004C4D



52385D

Complementary

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



553E1B



1B3255

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.



364068



553E1B



004B5E

Square

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



553E1B



094C39



004768



62334B

Rectangle

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



553E1B



344822



004768



4A3B62

Sweetspot

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



553E1B



6E6558



551B32



38332B



B8B8B8



383838

Same Dimension

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



553E1B



6E4A14



4F551B



2B2A27



6B4100



EB8E00

Inverse Universe

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



1B3255



14376E



211B55



27292B



002A6B



005DEB

Previews

White Background



This preview shows how the Hex color 553E1B looks on a white background.

Color Contrast Check

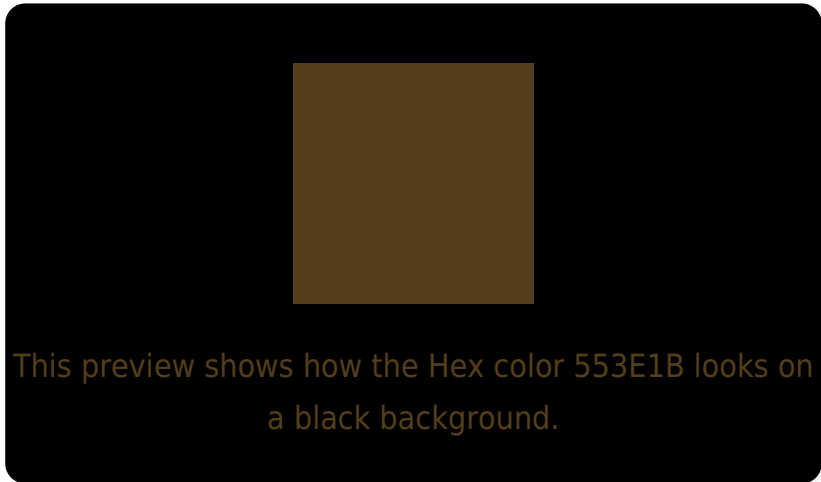
Large Text (above 18pt) WCAG AA ✓ Pass

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

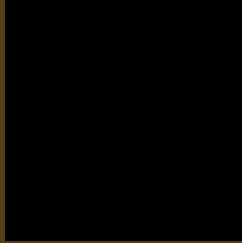
Any Text WCAG AA × Fail

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 553E1B Background



This preview shows how black text looks on a background with the Hex color 553E1B.



This preview shows how white text looks on a background with the Hex color 553E1B.

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
553E1B

Protanopia
4A421C

Deuteranopia
533F1B



Tritanopia
573A3F

Trichromacy



Original Color
553E1B

Protanomaly
4E411C

Deuteranomaly
543F1B

Tritanomaly
563B32

Monochromacy



Original Color
553E1B

Achromatopsia
414141

Achromatomaly
484033

CSS Examples

Text

The CSS property to change the color of the text to Hex 553E1B 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 #553E1B looks like.

```
.text, #text, p{  
    color:#553E1B  
}
```

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 #553E1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #553E1B
}
```

Border

The CSS property to change the border of an element to Hex 553E1B 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
#553E1B }
```

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

```
.border{ border-color:#553E1B }
```

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

Here you see how a box with a 4 pixel #553E1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #553E1B; -webkit-box-shadow:4px 4px  
4px 4px #553E1B; box-shadow:4px 4px 4px  
4px #553E1B }
```

Background

The CSS property to change the background color of an element to Hex 553E1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#553E1B }
```

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

```
.background{ background-color:#553E1B }
```

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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