

Converting Colors

Hex(553E35)

Have a look what the booklet for
Hex(553E35) contains.

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Color

Hex(553E35)

Conversions

Conversions Part 1

Format	Color
Hex	553E35
RGB	85, 62, 53
RGB Percent	33%, 24%, 21%
CMY	0.6667, 0.7569, 0.7922
CMYK	0.00, 0.27, 0.38, 0.67
HSL	17°, 23%, 27%
HSV	17°, 38%, 33%
XYZ	6.1115, 5.6336, 4.1334
YIQ	67.8510, 16.5970, 2.0770

Conversions

Conversions Part 2

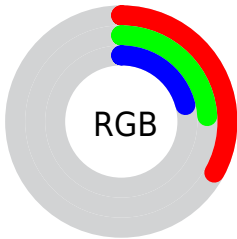
Format	Color
R_{YB}	85, 66, 53
Decimal	5586485
CIE _{Lab}	28.47, 8.64, 9.45
CIE _{LCh}	28, 12.805, 47.580
Yxy	5.6336, 0.3849, 0.3548
Android (android.graphics.Color)	4283776565 (0xFF553E35)
YUV	67.8510, -7.3215, 15.0397
Hunter-Lab	23.7352, 4.4252, 6.2894




Details

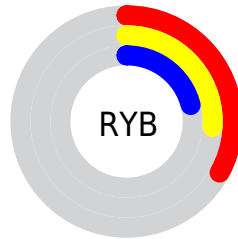
The Hex color **553E35** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **354C55**, and the grayscale version is **444444**.




A 20% lighter version of the original color is **886E64**, and **271408** is the 20% darker color. If you saturate the color by 10%, you get **55382D**, and if you desaturate by 10%, it is **55443D**.

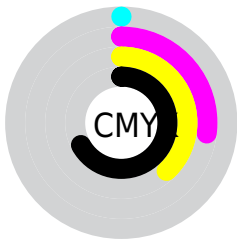
Distribution







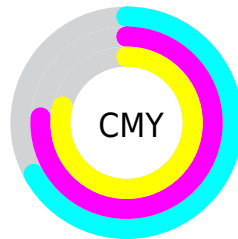
-  Red (33%)
-  Green (24%)
-  Blue (21%)






-  Red (33%)
-  Yellow (26%)
-  Blue (21%)



-  Cyan (0%)
-  Magenta (27%)
-  Yellow (38%)
-  Black (67%)



-  Cyan (67%)
-  Magenta (76%)
-  Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 553E35 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 553E35 by changing the saturation by 10% instead.

■ 553E35

■ 553E35

FFFFFF

■ 3D2820

■ 886E64

■ 271408

■ A2877C

■ 050000

■ BDA196

■ 000000

■ D9BCB1

■ F6D8CC

■ FFF4E9

■ 553E35

■ 553E35

■ 55382D

■ 55443D

■ 553224

■ 554A46

■ 552C1C

■ 55504E

■ 552613

■ 555657

■ 551F0A

■ 555D5F

■ 551902

■ 556368

■ 551800

■ 556971

■ 556F79

■ 557581

Harmonies

Analogous

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



573C3E



553E35



4E4130

Triad

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



553E35



2E483F



3F4256

Complementary

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



553E35



354C55

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.



324556



553E35



274949

Square

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



553E35



394736



284851



4C3F51

Rectangle

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



553E35



484330



284851



3B4357

Sweetspot

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



553E35



6E6562



55354C



383331



B8B8B8



383838

Same Dimension

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



553E35



6E4A3C



554E35



2B2827



6B1E00



EB4200

Inverse Universe

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



354C55



3C606E



353C55



272A2B



004D6B



00A9EB

Previews

White Background



This preview shows how the Hex color 553E35 looks on a white background.

Color Contrast Check

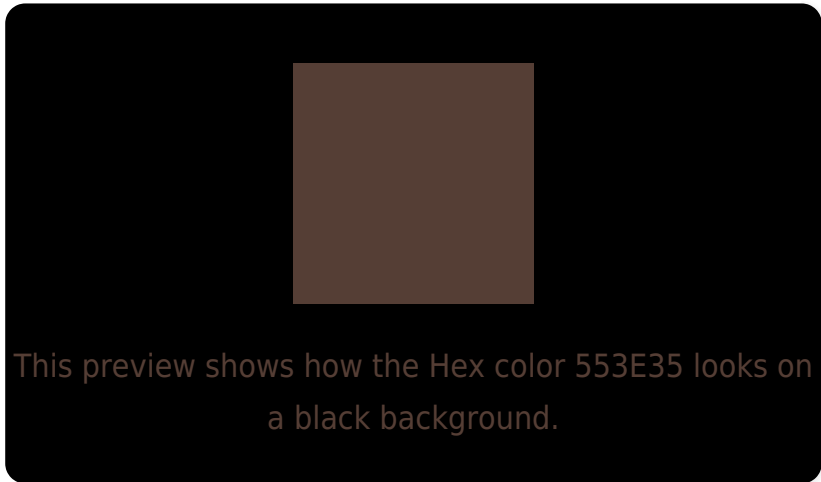
Large Text (above 18pt) WCAG AA ✓ Pass

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

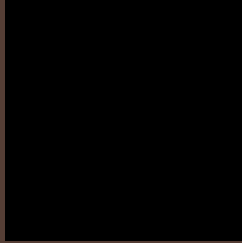
Any Text WCAG AA × Fail

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 553E35 Background



This preview shows how black text looks on a background with the Hex color 553E35.

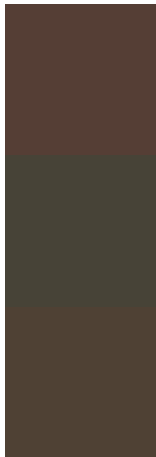


This preview shows how white text looks on a background with the Hex color 553E35.

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
553E35

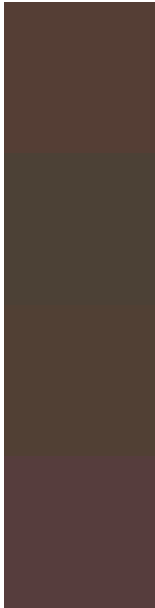
Protanopia
474337

Deuteranopia
4F4134



Tritanopia
563C41

Trichromacy



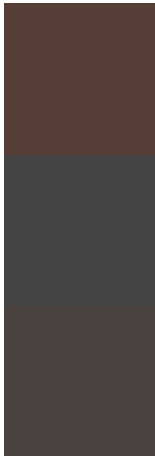
Original Color
553E35

Protanomaly
4C4136

Deuteranomaly
514034

Tritanomaly
563D3D

Monochromacy



Original Color
553E35

Achromatopsia
444444

Achromatomaly
4A423F

CSS Examples

Text

The CSS property to change the color of the text to Hex 553E35 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 #553E35 looks like.

```
.text, #text, p{  
    color:#553E35  
}
```

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 #553E35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #553E35
}
```

Border

The CSS property to change the border of an element to Hex 553E35 is called "border". The border property can be set on classes, ids or directly on the HTML element.

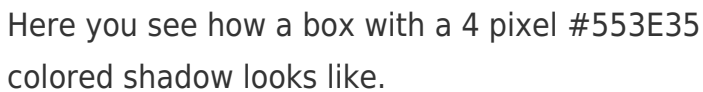
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#553E35 }
```

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

```
.border{ border-color:#553E35 }
```

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



Here you see how a box with a 4 pixel #553E35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #553E35; -webkit-box-shadow:4px 4px  
4px 4px #553E35; box-shadow:4px 4px 4px  
4px #553E35 }
```

Background

The CSS property to change the background color of an element to Hex 553E35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#553E35 }
```

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

```
.background{ background-color:#553E35 }
```

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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