

Converting Colors

Hex(555940)

Have a look what the booklet for
Hex(555940) contains.

Hex(555940)	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(555940)

Conversions

Conversions Part 1

Format	Color
Hex	555940
RGB	85, 89, 64
RGB Percent	33%, 35%, 25%
CMY	0.6667, 0.6510, 0.7490
CMYK	0.04, 0.00, 0.28, 0.65
HSL	70°, 16%, 30%
HSV	70°, 28%, 35%
XYZ	8.2441, 9.4462, 6.2393
YIQ	84.9540, 5.6410, -8.6230

Conversions

Conversions Part 2

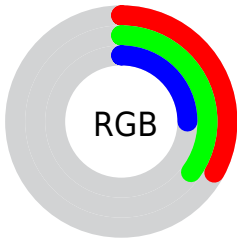
Format	Color
RYB	64, 89, 68
Decimal	5593408
CIELab	36.83, -6.38, 13.98
CIELCh	37, 15.369, 114.547
Yxy	9.4462, 0.3445, 0.3948
Android (android.graphics.Color)	4283783488 (0xFF555940)
YUV	84.9540, -10.3303, 0.0403
Hunter-Lab	30.7347, -5.9059, 9.4782

Details

The Hex color **555940** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **444059**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **878B70**, and **272C15** is the 20% darker color. If you saturate the color by 10%, you get **545937**, and if you desaturate by 10%, it is **565949**.

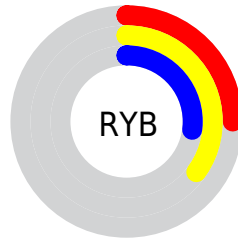
Distribution



Red (33%)

Green (35%)

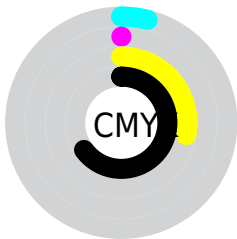
Blue (25%)



Red (25%)

Yellow (35%)

Blue (27%)

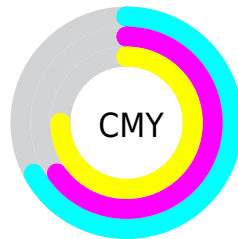


Cyan (4%)

Magenta (0%)

Yellow (28%)

Black (65%)



Cyan (67%)

Magenta (65%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 555940 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 555940 by changing the saturation by 10% instead.

 555940

 555940

FFFFFF

 3E422A

 878B70

 272C15

 A1A589

 131700

 BCC0A4

 000000

 D8DCBF

 F5F9DB

 FFFFF7

 555940

 555940

 545937

 565949

■ 52592E

■ 585952

■ 515925

■ 59595B

■ 4F591C

■ 5B5964

■ 4E5914

■ 5C596D

■ 4C590B

■ 5E5975

■ 4B5902

■ 5F597E

■ 4B5900

■ 605987

■ 625990

Harmonies

Analogous

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



62553E



555940



475C48

Triad

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



555940



365C6A



6E4E59

Complementary

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



555940



444059

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.



645065



555940



44586F

Square

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



555940



335D60



56546D



704E4D

Rectangle

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



555940



3E5D50



56546D



6B4E5E

Sweetspot

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



555940



71736A



594440



3A3B35



BABABA



3B3B3B

Same Dimension

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



555940



6D734C



495940



2B2B27



5A6B00



C5EB00

Inverse Universe

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



444059



524C73



504059



28272B



11006B



2600EB

Previews

White Background



This preview shows how the Hex color 555940 looks on a white background.

Color Contrast Check

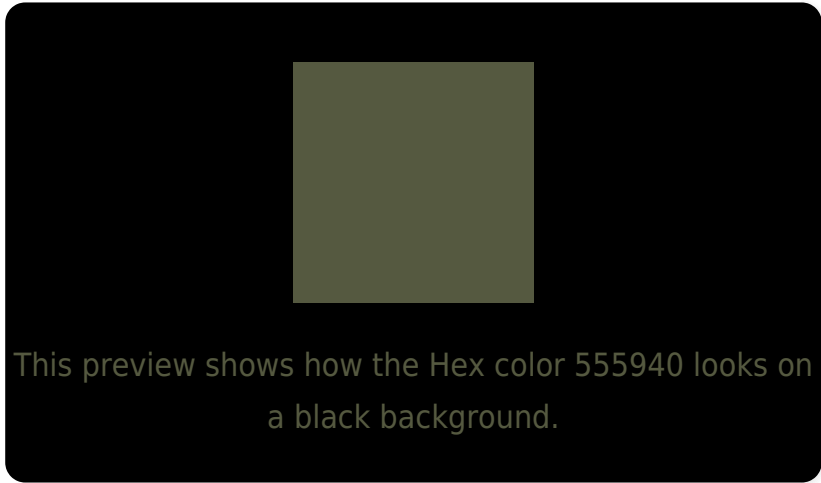
Large Text (above 18pt) WCAG AA ✓ Pass

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

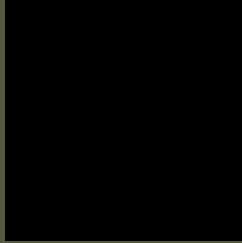
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

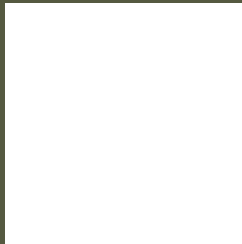
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 555940 Background



This preview shows how black text looks on a background with the Hex color 555940.



This preview shows how white text looks on a background with the Hex color 555940.

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
555940

Protanopia
5D563F

Deuteranopia
665341



Tritanopia
59555C

Trichromacy



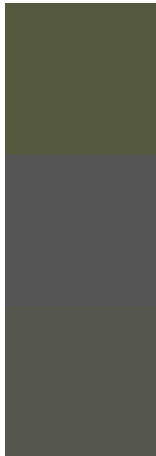
Original Color
555940

Protanomaly
5A573F

Deuteranomaly
605541

Tritanomaly
585652

Monochromacy



Original Color
555940

Achromatopsia
555555

Achromatomaly
55564D

CSS Examples

Text

The CSS property to change the color of the text to Hex 555940 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 #555940 looks like.

```
.text, #text, p{  
    color:#555940  
}
```

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 #555940 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #555940
}
```

Border

The CSS property to change the border of an element to Hex 555940 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
#555940 }
```

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

```
.border{ border-color:#555940 }
```

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

Here you see how a box with a 4 pixel #555940 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #555940; -webkit-box-shadow:4px 4px  
4px 4px #555940; box-shadow:4px 4px 4px  
4px #555940 }
```

Background

The CSS property to change the background color of an element to Hex 555940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#555940 }
```

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

```
.background{ background-color:#555940 }
```

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