

Converting Colors

Hex(555C43)

Have a look what the booklet for
Hex(555C43) contains.

Hex(555C43)	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(555C43)

Conversions

Conversions Part 1

Format	Color
Hex	555C43
RGB	85, 92, 67
RGB Percent	33%, 36%, 26%
CMY	0.6667, 0.6392, 0.7373
CMYK	0.08, 0.00, 0.27, 0.64
HSL	77°, 16%, 31%
HSV	77°, 27%, 36%
XYZ	8.5866, 9.9908, 6.7861
YIQ	87.0570, 3.8530, -9.2590

Conversions

Conversions Part 2

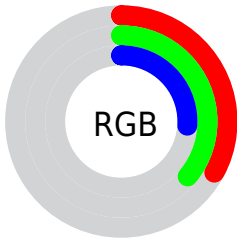
Format	Color
RYB	67, 92, 74
Decimal	5594179
CIELab	37.83, -7.66, 13.51
CIELCh	38, 15.527, 119.544
Yxy	9.9908, 0.3385, 0.3939
Android (android.graphics.Color)	4283784259 (0xFF555C43)
YUV	87.0570, -9.8881, -1.8040
Hunter-Lab	31.6083, -6.8239, 9.3967

Details

The Hex color **555C43** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4A435C**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **878E73**, and **272E18** is the 20% darker color. If you saturate the color by 10%, you get **525C3A**, and if you desaturate by 10%, it is **585C4C**.

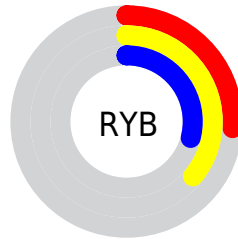
Distribution



 Red (33%)

 Green (36%)

 Blue (26%)



 Red (26%)

 Yellow (36%)

 Blue (29%)

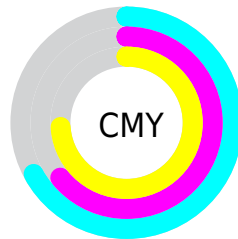


 Cyan (8%)

 Magenta (0%)

 Yellow (27%)

 Black (64%)



 Cyan (67%)

 Magenta (64%)

 Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 555C43 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 555C43 by changing the saturation by 10% instead.



555C43



555C43

FFFFFF



3E442D



878E73



272E18



A1A98D



151A00



BCC4A7



000000



D8E0C2



F5FCDE



FFFFFFB



555C43



555C43



525C3A



585C4C

■ 505C31

■ 5A5C55

■ 4D5C27

■ 5D5C5F

■ 4B5C1E

■ 5F5C68

■ 485C15

■ 625C71

■ 465C0C

■ 645C7A

■ 435C03

■ 675C83

■ 425C00

■ 6A5C8D

■ 6C5C96

Harmonies

Analogous

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



625840



555C43



475F4C

Triad

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



555C43



3A5E6E



71505A

Complementary

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



555C43



4A435C

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.



695266



555C43



495A72

Square

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



555C43



346065



5B566F



72514D

Rectangle

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



555C43



3E6054



5B566F



6F505E

Sweetspot

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



555C43



75786E



5C4A43



3B3D37



BDBDBD



3D3D3D

Same Dimension

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



555C43



6D7850



495C43



2D2E29



4F6E00



ABED00

Inverse Universe

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



4A435C



5B5078



56435C



2B292E



1F006E



4200ED

Previews

White Background



This preview shows how the Hex color 555C43 looks on a white background.

Color Contrast Check

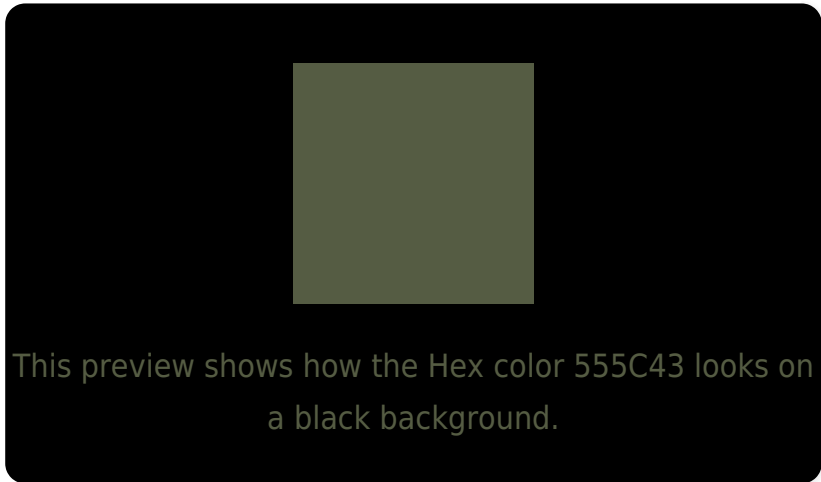
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

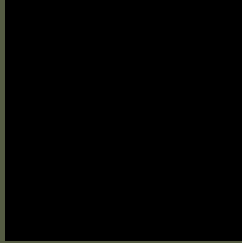
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

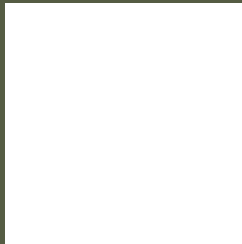
Any Text WCAG AAA × Fail

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

Hex 555C43 Background



This preview shows how black text looks on a background with the Hex color 555C43.



This preview shows how white text looks on a background with the Hex color 555C43.

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
555C43

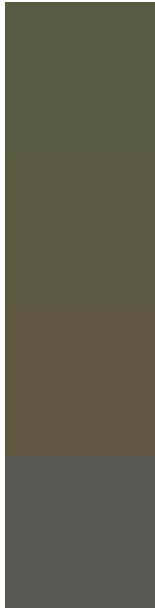
Protanopia
5F5942

Deuteranopia
685544



Tritanopia
59585F

Trichromacy



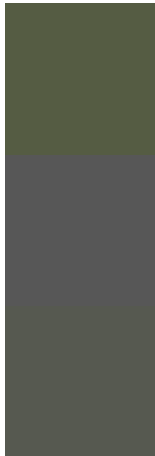
Original Color
555C43

Protanomaly
5B5A42

Deuteranomaly
615844

Tritanomaly
585955

Monochromacy



Original Color
555C43

Achromatopsia
575757

Achromatomaly
565950

CSS Examples

Text

The CSS property to change the color of the text to Hex 555C43 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 #555C43 looks like.

```
.text, #text, p{  
    color:#555C43  
}
```

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 #555C43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #555C43
}
```

Border

The CSS property to change the border of an element to Hex 555C43 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
#555C43 }
```

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

```
.border{ border-color:#555C43 }
```

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

Here you see how a box with a 4 pixel #555C43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #555C43; -webkit-box-shadow:4px 4px  
4px 4px #555C43; box-shadow:4px 4px 4px  
4px #555C43 }
```

Background

The CSS property to change the background color of an element to Hex 555C43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#555C43 }
```

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

```
.background{ background-color:#555C43 }
```

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