

Converting Colors

Hex(555A3F)

Have a look what the booklet for
Hex(555A3F) contains.

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Color

Hex(555A3F)

Conversions

Conversions Part 1

Format	Color
Hex	555A3F
RGB	85, 90, 63
RGB Percent	33%, 35%, 25%
CMY	0.6667, 0.6471, 0.7529
CMYK	0.06, 0.00, 0.30, 0.65
HSL	71°, 18%, 30%
HSV	71°, 30%, 35%
XYZ	8.2997, 9.6025, 6.1187
YIQ	85.4270, 5.6870, -9.4570

Conversions

Conversions Part 2

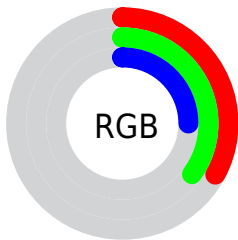
Format	Color
RYB	63, 90, 68
Decimal	5593663
CIELab	37.12, -7.14, 14.98
CIELCh	37, 16.593, 115.477
Yxy	9.6025, 0.3455, 0.3998
Android (android.graphics.Color)	4283783743 (0xFF555A3F)
YUV	85.4270, -11.0565, -0.3745
Hunter-Lab	30.9879, -6.4201, 9.9845

Details

The Hex color **555A3F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **443F5A**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **878C6F**, and **272C14** is the 20% darker color. If you saturate the color by 10%, you get **535A36**, and if you desaturate by 10%, it is **575A48**.

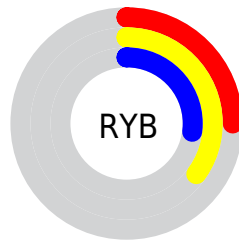
Distribution



Red (33%)

Green (35%)

Blue (25%)



Red (25%)

Yellow (35%)

Blue (27%)

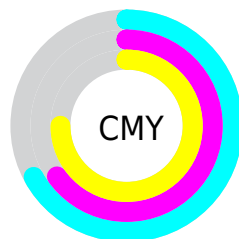


Cyan (6%)

Magenta (0%)

Yellow (30%)

Black (65%)



Cyan (67%)

Magenta (65%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 555A3F 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 555A3F by changing the saturation by 10% instead.



555A3F



555A3F

FFFFFF



3E4329



878C6F



272C14



A1A688



131800



BCC1A3



000000



D8DDBE



F5FADA



FFFFFF6



555A3F



555A3F



535A36



575A48

■ 525A2D

■ 585A51

■ 505A24

■ 5A5A5A

■ 4E5A1B

■ 5C5A63

■ 4D5A12

■ 5D5A6C

■ 4B5A09

■ 5F5A75

■ 495A00

■ 615A7E

■ 625A87

■ 645A90

Harmonies

Analogous

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



63563D



555A3F



465D48

Triad

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



555A3F



345D6D



704E5A

Complementary

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



555A3F



443F5A

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.



675067



555A3F



445972

Square

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



555A3F



2F5F62



57556F



724E4C

Rectangle

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



555A3F



3C5E50



57556F



6E4E5E

Sweetspot

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



555A3F



73756B



5A443F



393B34



BABABA



3B3B3B

Same Dimension

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



555A3F



6D754B



485A3F



2D2E29



596E00



C1ED00

Inverse Universe

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



443F5A



534B75



513F5A



2A292E



14006E



2C00ED

Previews

White Background



This preview shows how the Hex color 555A3F looks on a white background.

Color Contrast Check

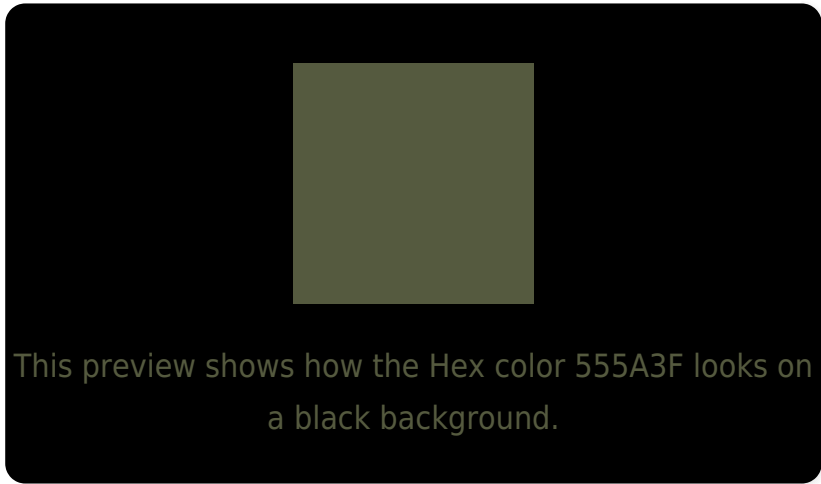
Large Text (above 18pt) WCAG AA ✓ Pass

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

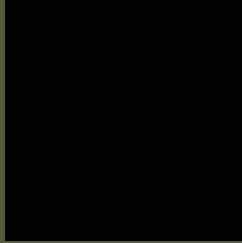
Any Text WCAG AA × Fail

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 555A3F Background



This preview shows how black text looks on a background with the Hex color 555A3F.



This preview shows how white text looks on a background with the Hex color 555A3F.

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
555A3F

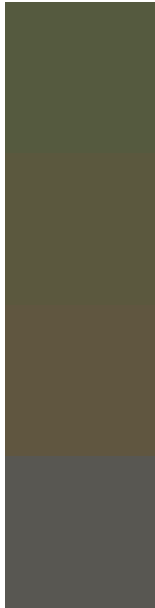
Protanopia
5E573E

Deuteranopia
675440



Tritanopia
59565D

Trichromacy



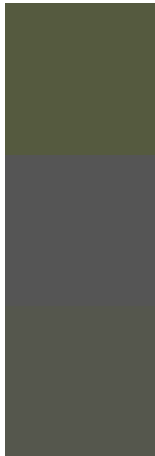
Original Color
555A3F

Protanomaly
5B583E

Deuteranomaly
605640

Tritanomaly
585752

Monochromacy



Original Color
555A3F

Achromatopsia
555555

Achromatomaly
55574D

CSS Examples

Text

The CSS property to change the color of the text to Hex 555A3F 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 #555A3F looks like.

```
.text, #text, p{  
    color:#555A3F  
}
```

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 #555A3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #555A3F
}
```

Border

The CSS property to change the border of an element to Hex 555A3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

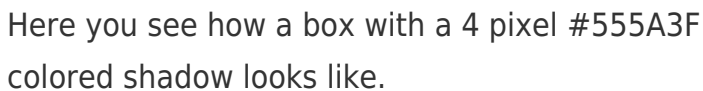
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#555A3F }
```

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

```
.border{ border-color:#555A3F }
```

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



Here you see how a box with a 4 pixel #555A3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #555A3F; -webkit-box-shadow:4px 4px  
4px 4px #555A3F; box-shadow:4px 4px 4px  
4px #555A3F }
```

Background

The CSS property to change the background color of an element to Hex 555A3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#555A3F }
```

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

```
.background{ background-color:#555A3F }
```

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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