

Converting Colors

Hex(535A3F)

Have a look what the booklet for
Hex(535A3F) contains.

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Color

Hex(535A3F)

Conversions

Conversions Part 1

Format	Color
Hex	535A3F
RGB	83, 90, 63
RGB Percent	33%, 35%, 25%
CMY	0.6745, 0.6471, 0.7529
CMYK	0.08, 0.00, 0.30, 0.65
HSL	76°, 18%, 30%
HSV	76°, 30%, 35%
XYZ	8.1206, 9.5102, 6.1103
YIQ	84.8290, 4.4950, -9.8810

Conversions

Conversions Part 2

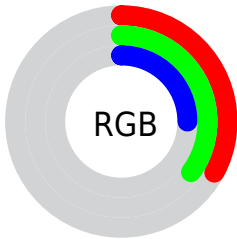
Format	Color
RYB	63, 90, 70
Decimal	5462591
CIELab	36.95, -8.01, 14.72
CIELCh	37, 16.757, 118.548
Yxy	9.5102, 0.3420, 0.4006
Android (android.graphics.Color)	4283652671 (0xFF535A3F)
YUV	84.8290, -10.7617, -1.6040
Hunter-Lab	30.8386, -6.9637, 9.8395

Details

The Hex color **535A3F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **463F5A**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **858C6F**, and **262C14** is the 20% darker color. If you saturate the color by 10%, you get **515A36**, and if you desaturate by 10%, it is **555A48**.

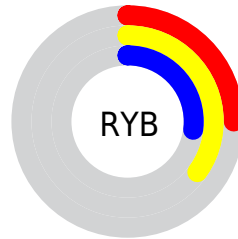
Distribution



Red (33%)

Green (35%)

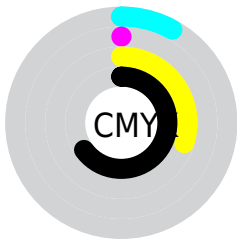
Blue (25%)



Red (25%)

Yellow (35%)

Blue (27%)

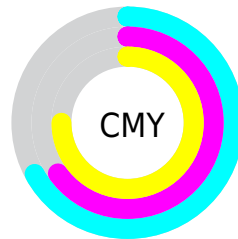


Cyan (8%)

Magenta (0%)

Yellow (30%)

Black (65%)



Cyan (67%)

Magenta (65%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 535A3F 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 535A3F by changing the saturation by 10% instead.

■ 535A3F

■ 535A3F

FFFFFF

■ 3C4329

■ 858C6F

■ 262C14

■ 9FA688

■ 111800

■ BAC2A3

■ 000000

■ D6DDBE

■ F2FAD9

■ FFFFF6

■ 535A3F

■ 535A3F

■ 515A36

■ 555A48

■ 4E5A2D

■ 585A51

■ 4C5A24

■ 5A5A5A

■ 4A5A1B

■ 5C5A63

■ 475A12

■ 5F5A6C

■ 455A09

■ 615A75

■ 435A00

■ 635A7E

■ 665A87

■ 685A90

Harmonies

Analogous

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



61563C



535A3F



435D48

Triad

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



535A3F



345C6D



714D58

Complementary

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



535A3F



463F5A

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.



684F65



535A3F



455872

Square

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



535A3F



2E5E63



58546F



724E4B

Rectangle

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



535A3F



3A5E51



58546F



6E4E5D

Sweetspot

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



535A3F



73756B



5A463F



393B34



BABABA



3B3B3B

Same Dimension

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



535A3F



6A754B



465A3F



2D2E29



516E00



B0ED00

Inverse Universe

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



463F5A



564B75



533F5A



2B292E



1C006E



3D00ED

Previews

White Background



This preview shows how the Hex color 535A3F looks on a white background.

Color Contrast Check

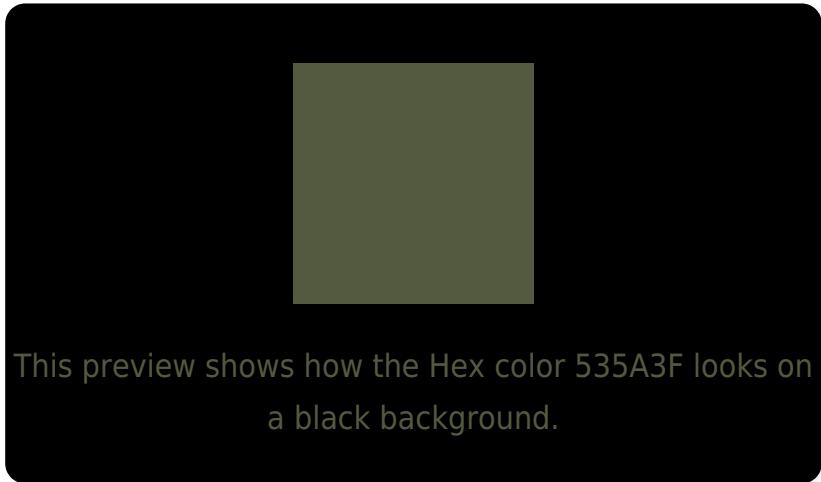
Large Text (above 18pt) WCAG AA ✓ Pass

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

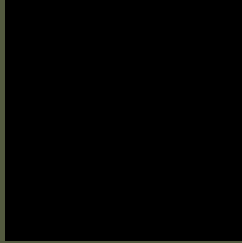
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

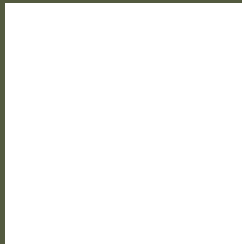
Any Text WCAG AAA × Fail

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

Hex 535A3F Background



This preview shows how black text looks on a background with the Hex color 535A3F.

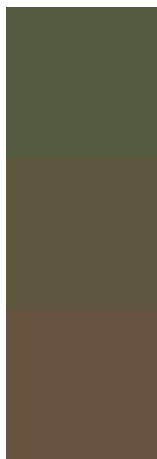


This preview shows how white text looks on a background with the Hex color 535A3F.

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
535A3F

Protanopia
5E573E

Deuteranopia
675340



Tritanopia
57565D

Trichromacy



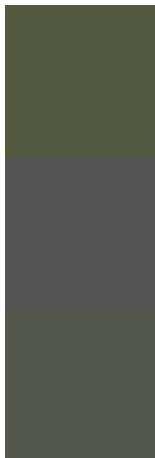
Original Color
535A3F

Protanomaly
5A583E

Deuteranomaly
605640

Tritanomaly
565752

Monochromacy



Original Color
535A3F

Achromatopsia
555555

Achromatomaly
54574D

CSS Examples

Text

The CSS property to change the color of the text to Hex 535A3F 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 #535A3F looks like.

```
.text, #text, p{  
    color:#535A3F  
}
```

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 #535A3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535A3F
}
```

Border

The CSS property to change the border of an element to Hex 535A3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

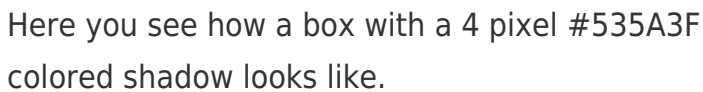
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#535A3F }
```

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

```
.border{ border-color:#535A3F }
```

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



Here you see how a box with a 4 pixel #535A3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535A3F; -webkit-box-shadow:4px 4px  
4px 4px #535A3F; box-shadow:4px 4px 4px  
4px #535A3F }
```

Background

The CSS property to change the background color of an element to Hex 535A3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535A3F }
```

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

```
.background{ background-color:#535A3F }
```

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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