

Converting Colors

Hex(556E3F)

Have a look what the booklet for
Hex(556E3F) contains.

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Color

Hex(556E3F)

Conversions

Conversions Part 1

Format	Color
Hex	556E3F
RGB	85, 110, 63
RGB Percent	33%, 43%, 25%
CMY	0.6667, 0.5686, 0.7529
CMYK	0.23, 0.00, 0.43, 0.57
HSL	92°, 27%, 34%
HSV	92°, 43%, 43%
XYZ	10.2194, 13.4420, 6.7586
YIQ	97.1670, 0.1870, -19.9170

Conversions

Conversions Part 2

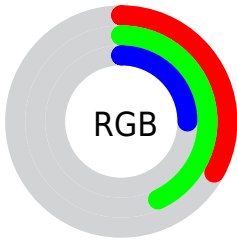
Format	Color
RYB	63, 110, 88
Decimal	5598783
CIELab	43.42, -18.37, 23.26
CIElCh	43, 29.643, 128.300
Yxy	13.4420, 0.3359, 0.4419
Android (android.graphics.Color)	4283788863 (0xFF556E3F)
YUV	97.1670, -16.8443, -10.6705
Hunter-Lab	36.6634, -14.4063, 14.7348

Details

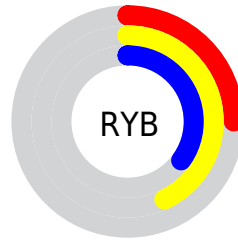
The Hex color **556E3F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **583F6E**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **88A26F**, and **263E13** is the 20% darker color. If you saturate the color by 10%, you get **4F6E34**, and if you desaturate by 10%, it is **5B6E4A**.

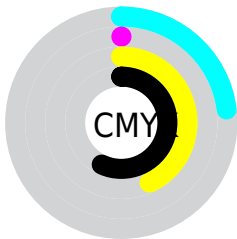
Distribution



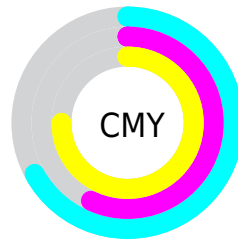
- Red (33%)
- Green (43%)
- Blue (25%)



- Red (25%)
- Yellow (43%)
- Blue (35%)



- Cyan (23%)
- Magenta (0%)
- Yellow (43%)
- Black (57%)



- Cyan (67%)
- Magenta (57%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 556E3F 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 556E3F by changing the saturation by 10% instead.



556E3F



556E3F

FFFFFF



3D5628



88A26F



263E13



A2BD89



132800



BDD9A3



001400



DAF5BF



000000



F6FFDB



FFFFFF7



556E3F



556E3F



4F6E34



5B6E4A

■ 496E29

■ 616E55

■ 436E1E

■ 676E60

■ 3E6E13

■ 6C6E6B

■ 386E08

■ 726E76

■ 336E00

■ 786E81

■ 7E6E8C

■ 846E97

■ 8A6EA2

Harmonies

Analogous

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



6F6735



556E3F



357254

Triad

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



556E3F



156E94



955361

Complementary

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



556E3F



583F6E

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.



8B5679



556E3F



4C6797

Square

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



556E3F



007284



725E8D



935749

Rectangle

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



556E3F



177364



725E8D



935369

Sweetspot

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



556E3F



858F7C



6E573F



41473C



C7C7C7



474747

Same Dimension

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



556E3F



688F46



3F6E40



353832



387800



74F700

Inverse Universe

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



583F6E



6D468F



6E3F6D



353238



400078



8400F7

Previews

White Background



This preview shows how the Hex color 556E3F 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

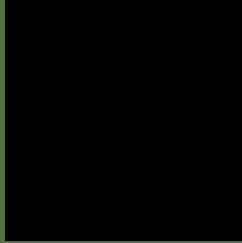
Any Text WCAG AA × Fail

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 556E3F Background



This preview shows how black text looks on a background with the Hex color 556E3F.



This preview shows how white text looks on a background with the Hex color 556E3F.

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](#).

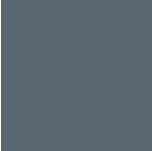
Dichromacy



Original Color
556E3F

Protanopia
70663C

Deuteranopia
7B6242



Tritanopia
5C6871

Trichromacy



Original Color
556E3F

Protanomaly
66693D

Deuteranomaly
6D6641

Tritanomaly
596A5F

Monochromacy



Original Color
556E3F

Achromatopsia
616161

Achromatomaly
5D6655

CSS Examples

Text

The CSS property to change the color of the text to Hex 556E3F 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 #556E3F looks like.

```
.text, #text, p{  
    color:#556E3F  
}
```

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 #556E3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #556E3F
}
```

Border

The CSS property to change the border of an element to Hex 556E3F 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
#556E3F }
```

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

```
.border{ border-color:#556E3F }
```

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

Here you see how a box with a 4 pixel #556E3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #556E3F; -webkit-box-shadow:4px 4px  
4px 4px #556E3F; box-shadow:4px 4px 4px  
4px #556E3F }
```

Background

The CSS property to change the background color of an element to Hex 556E3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#556E3F }
```

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

```
.background{ background-color:#556E3F }
```

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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