

Converting Colors

Hex(5E6A3F)

Have a look what the booklet for
Hex(5E6A3F) contains.

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Color

Hex(5E6A3F)

Conversions

Conversions Part 1

Format	Color
Hex	5E6A3F
RGB	94, 106, 63
RGB Percent	37%, 42%, 25%
CMY	0.6314, 0.5843, 0.7529
CMYK	0.11, 0.00, 0.41, 0.58
HSL	77°, 25%, 33%
HSV	77°, 41%, 42%
XYZ	10.6673, 13.0466, 6.6587
YIQ	97.5100, 6.6510, -15.9170

Conversions

Conversions Part 2

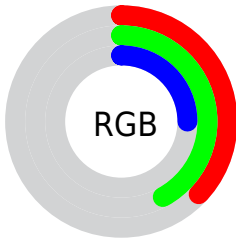
Format	Color
RYB	63, 106, 75
Decimal	6187583
CIELab	42.83, -12.41, 22.64
CIElCh	43, 25.820, 118.732
Yxy	13.0466, 0.3512, 0.4296
Android (android.graphics.Color)	4284377663 (0xFF5E6A3F)
YUV	97.5100, -17.0134, -3.0783
Hunter-Lab	36.1201, -10.4939, 14.3541

Details

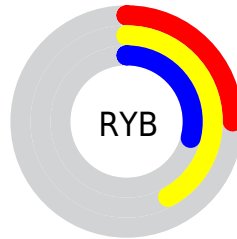
The Hex color **5E6A3F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4B3F6A**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **919D6F**, and **2F3B13** is the 20% darker color. If you saturate the color by 10%, you get **5B6A34**, and if you desaturate by 10%, it is **616A4A**.

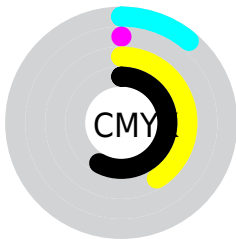
Distribution



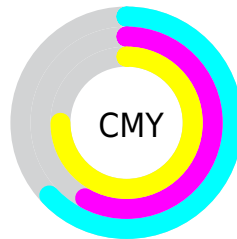
- Red (37%)
- Green (42%)
- Blue (25%)



- Red (25%)
- Yellow (42%)
- Blue (29%)



- Cyan (11%)
- Magenta (0%)
- Yellow (41%)
- Black (58%)



- Cyan (63%)
- Magenta (58%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E6A3F 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 5E6A3F by changing the saturation by 10% instead.



5E6A3F



5E6A3F

FFFFFF



465228



919D6F



2F3B13



ACB889



1B2500



C7D4A3



001200



E4F0BF



000000



FFFFDA



FFFFF7



5E6A3F



5E6A3F



5B6A34



616A4A

■ 586A2A

■ 646A54

■ 556A1F

■ 676A5F

■ 526A15

■ 6A6A69

■ 4F6A0A

■ 6D6A74

■ 4C6A00

■ 706A7F

■ 736A89

■ 766A94

■ 796A9E

Harmonies

Analogous

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



74643A



5E6A3F



456E4E

Triad

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



5E6A3F



1E6D89



8D5567

Complementary

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



5E6A3F



4B3F6A

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.



7F597C



5E6A3F



45688F

Square

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



5E6A3F



097079



66608A



8E5652

Rectangle

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



5E6A3F



32705C



66608A



8A556E

Sweetspot

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



5E6A3F



858A79



6A4A3F



42453B



C4C4C4



454545

Same Dimension

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



5E6A3F



778A46



496A3F



343630



557500



B0F500

Inverse Universe

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



4B3F6A



59468A



603F6A



323036



210075



4400F5

Previews

White Background



This preview shows how the Hex color 5E6A3F 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

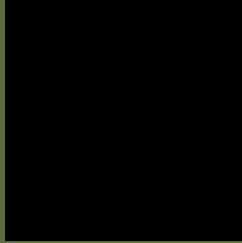
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

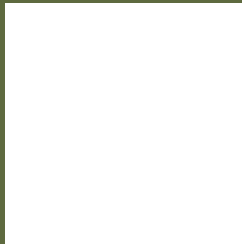
Any Text WCAG AAA × Fail

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

Hex 5E6A3F Background



This preview shows how black text looks on a background with the Hex color 5E6A3F.



This preview shows how white text looks on a background with the Hex color 5E6A3F.

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
5E6A3F

Protanopia
6E653D

Deuteranopia
7A6141



Tritanopia
64656D

Trichromacy



Original Color
5E6A3F

Protanomaly
68673E

Deuteranomaly
706440

Tritanomaly
62675C

Monochromacy



Original Color
5E6A3F

Achromatopsia
626262

Achromatomaly
616555

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E6A3F 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 #5E6A3F looks like.

```
.text, #text, p{  
    color:#5E6A3F  
}
```

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 #5E6A3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E6A3F
}
```

Border

The CSS property to change the border of an element to Hex 5E6A3F 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
#5E6A3F }
```

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

```
.border{ border-color:#5E6A3F }
```

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

Here you see how a box with a 4 pixel #5E6A3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E6A3F; -webkit-box-shadow:4px 4px  
4px 4px #5E6A3F; box-shadow:4px 4px 4px  
4px #5E6A3F }
```

Background

The CSS property to change the background color of an element to Hex 5E6A3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E6A3F }
```

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

```
.background{ background-color:#5E6A3F }
```

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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