

Converting Colors

Hex(3E645F)

Have a look what the booklet for
Hex(3E645F) contains.

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Color

Hex(3E645F)

Conversions

Conversions Part 1

Format	Color
Hex	3E645F
RGB	62, 100, 95
RGB Percent	24%, 39%, 37%
CMY	0.7569, 0.6078, 0.6275
CMYK	0.38, 0.00, 0.05, 0.61
HSL	172°, 23%, 32%
HSV	172°, 38%, 39%
XYZ	8.6093, 10.9647, 12.4891
YIQ	88.0680, -21.0430, -9.6110

Conversions

Conversions Part 2

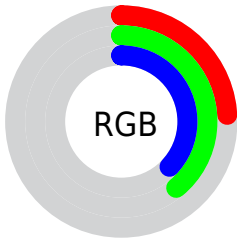
Format	Color
R_{YB}	62, 82, 100
Decimal	4088927
CIE _{Lab}	39.52, -14.76, -1.45
CIE _{LCh}	40, 14.835, 185.605
Yxy	10.9647, 0.2685, 0.3420
Android (android.graphics.Color)	4282279007 (0xFF3E645F)
YUV	88.0680, 3.4175, -22.8616
Hunter-Lab	33.1130, -11.5379, 0.8169




Details

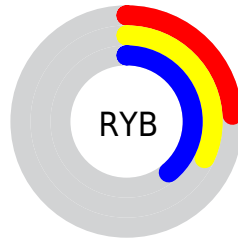
The Hex color **3E645F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **643E43**, and the grayscale version is **585858**.




A 20% lighter version of the original color is **6F9791**, and **0E3531** is the 20% darker color. If you saturate the color by 10%, you get **34645E**, and if you desaturate by 10%, it is **486460**.

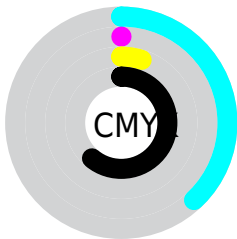
Distribution







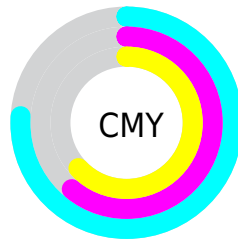
-  Red (24%)
-  Green (39%)
-  Blue (37%)






-  Red (24%)
-  Yellow (32%)
-  Blue (39%)



-  Cyan (38%)
-  Magenta (0%)
-  Yellow (5%)
-  Black (61%)



-  Cyan (76%)
-  Magenta (61%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E645F 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 3E645F by changing the saturation by 10% instead.



3E645F



3E645F

FFFFFF



264C47



6F9791



0E3531



89B2AC



00201C



A4CDC7



000002



C0EAE3



000000



DCFFFF



F8FFFF



3E645F



3E645F



34645E



486460

■ 2A645C

■ 526462

■ 20645B

■ 5C6463

■ 16645A

■ 666464

■ 0C6458

■ 706466

■ 026457

■ 7A6467

■ 006457

■ 846468

■ 8E646A

■ 98646B

Harmonies

Analogous

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



496353



3E645F



3B636B

Triad

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



3E645F



625971



6F5947

Complementary

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



3E645F



643E43

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.



755650



3E645F



6F5667

Square

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



3E645F



525D75



75545B



645D45

Rectangle

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



3E645F



3F6271



75545B



71584A

Sweetspot

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



3E645F



748280



43643E



3A4241



C2C2C2



424242

Same Dimension

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



3E645F



46827A



3E5664



2E3332



007364



00F2D2

Inverse Universe

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



643E43



82464E



644C3E



332E2F



73000F



F20020

Previews

White Background



This preview shows how the Hex color 3E645F looks on a white background.

Color Contrast Check

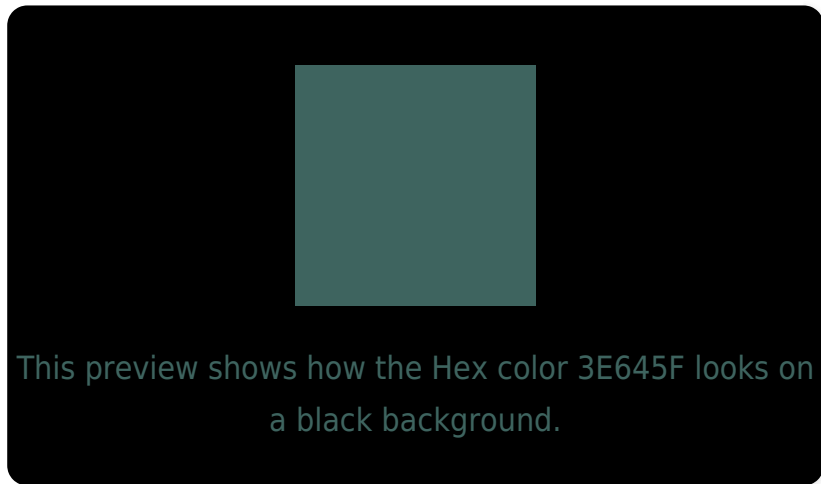
Large Text (above 18pt) WCAG AA ✓ Pass

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

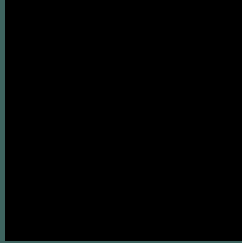
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

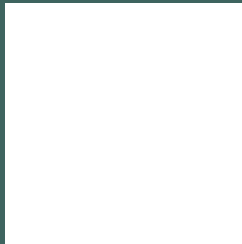
Any Text WCAG AAA × Fail

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

Hex 3E645F Background



This preview shows how black text looks on a background with the Hex color 3E645F.



This preview shows how white text looks on a background with the Hex color 3E645F.

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
3E645F

Protanopia
5F5C5B

Deuteranopia
645A61



Tritanopia
41626A

Trichromacy



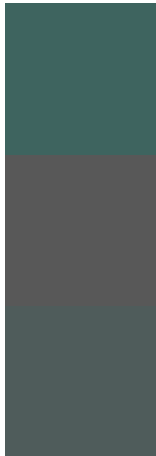
Original Color
3E645F

Protanomaly
535F5C

Deuteranomaly
565E60

Tritanomaly
406366

Monochromacy



Original Color
3E645F

Achromatopsia
585858

Achromatomaly
4F5C5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E645F 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 #3E645F looks like.

```
.text, #text, p{  
    color:#3E645F  
}
```

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 #3E645F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E645F
}
```

Border

The CSS property to change the border of an element to Hex 3E645F 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
#3E645F }
```

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

```
.border{ border-color:#3E645F }
```

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

Here you see how a box with a 4 pixel #3E645F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E645F; -webkit-box-shadow:4px 4px  
4px 4px #3E645F; box-shadow:4px 4px 4px  
4px #3E645F }
```

Background

The CSS property to change the background color of an element to Hex 3E645F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E645F }
```

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

```
.background{ background-color:#3E645F }
```

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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