

# Converting Colors

Hex(3E5547)

Have a look what the booklet for  
Hex(3E5547) contains.

<b>Hex(3E5547)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(3E5547)

# Conversions

## Conversions Part 1

Format	Color
Hex	3E5547
RGB	62, 85, 71
RGB Percent	24%, 33%, 28%
CMY	0.7569, 0.6667, 0.7216
CMYK	0.27, 0.00, 0.16, 0.67
HSL	143°, 16%, 29%
HSV	143°, 27%, 33%
XYZ	6.3724, 7.9761, 7.1649
YIQ	76.5270, -9.2140, -9.2300

# Conversions

## Conversions Part 2

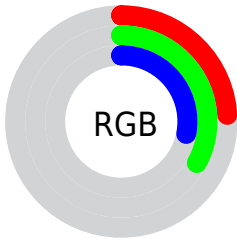
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 79, 85
Decimal	4085063
CIELab	33.93, -12.11, 5.35
CIElCh	34, 13.234, 156.170
Yxy	7.9761, 0.2962, 0.3707
Android (android.graphics.Color)	4282275143 (0xFF3E5547)
YUV	76.5270, -2.7248, -12.7402
Hunter-Lab	28.2419, -9.1471, 4.7276

# Details

The Hex color **3E5547** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **553E4C**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **6E8777**, and **12281C** is the 20% darker color. If you saturate the color by 10%, you get **355542**, and if you desaturate by 10%, it is **46554C**.

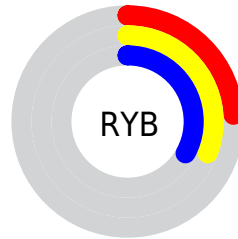
# Distribution



 Red (24%)

 Green (33%)

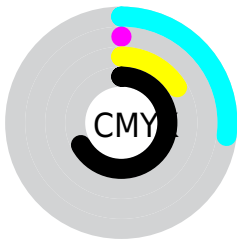
 Blue (28%)




 Red (24%)

 Yellow (31%)

 Blue (33%)

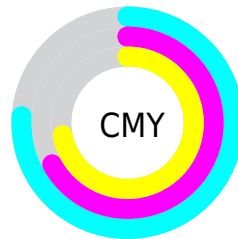


 Cyan (27%)


 Magenta (0%)

 Yellow (16%)

 Black (67%)



 Cyan (76%)

 Magenta (67%)

 Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E5547 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 3E5547 by changing the saturation by 10% instead.





3E5547



3E5547

FFFFFF



283E31



6E8777



12281C



88A191



001401



A2BCAC



000000



BDD8C7



D9F4E3



F5FFFF



3E5547



3E5547



355542



46554C

■ 2D553D

■ 4F5551

■ 245537

■ 575557

■ 1C5532

■ 60555C

■ 13552D

■ 685561

■ 0B5528

■ 715566

■ 035523

■ 79556B

■ 005521

■ 825570

■ 8A5576

# Harmonies

## Analogous

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



4A533F



3E5547



355652

# Triad

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



3E5547



465064



654944

# Complementary

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



3E5547



553E4C

# 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.



65484E



3E5547



544C61

# Square

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



3E5547



395363



5F4958



5F4C3D

# Rectangle

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



3E5547



325659



5F4958



654947



# Sweetspot

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



3E5547



656E68



4C553E



323835



B8B8B8



383838



# Same Dimension

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



3E5547



4B6E58



3E5552



272B29



006B2A



00EB5C



# Inverse Universe

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



553E4C



6E4B60



553E41



2B272A



6B0041



EB008F



# Previews

## White Background



This preview shows how the Hex color 3E5547 looks on a white background.

## Color Contrast Check

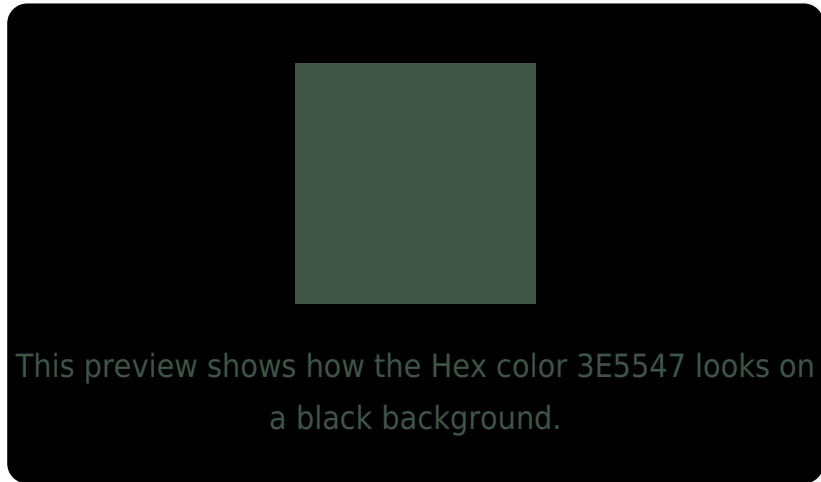
Large Text (above 18pt) WCAG AA ✓ Pass

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

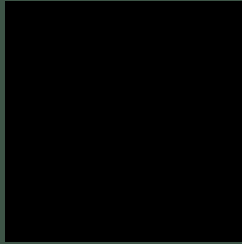
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3E5547 Background



This preview shows how black text looks on a background with the Hex color 3E5547.



This preview shows how white text looks on a background with the Hex color 3E5547.

# 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**  
3E5547

**Protanopia**  
544F44

**Deuteranopia**  
5A4D49



**Tritanopia**  
425259

# Trichromacy



**Original Color**  
3E5547

**Protanomaly**  
4C5145

**Deuteranomaly**  
505048

**Tritanomaly**  
415352

# Monochromacy



**Original Color**  
3E5547

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
48504B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E5547 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 #3E5547 looks like.

```
.text, #text, p{  
    color:#3E5547  
}
```

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 #3E5547 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E5547
}
```

## Border

The CSS property to change the border of an element to Hex 3E5547 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
#3E5547 }
```

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

```
.border{ border-color:#3E5547 }
```

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

Here you see how a box with a 4 pixel #3E5547 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E5547; -webkit-box-shadow:4px 4px  
4px 4px #3E5547; box-shadow:4px 4px 4px  
4px #3E5547 }
```

# Background

The CSS property to change the background color of an element to Hex 3E5547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E5547 }
```

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

```
.background{ background-color:#3E5547 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor