

# Converting Colors

Hex(3D5F56)

Have a look what the booklet for  
Hex(3D5F56) contains.

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# Color

**Hex(3D5F56)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3D5F56
RGB	61, 95, 86
RGB Percent	24%, 37%, 34%
CMY	0.7608, 0.6275, 0.6627
CMYK	0.36, 0.00, 0.09, 0.63
HSL	164°, 22%, 31%
HSV	164°, 36%, 37%
XYZ	7.6964, 9.8484, 10.2994
YIQ	83.8080, -17.3750, -10.0070

# Conversions

## Conversions Part 2

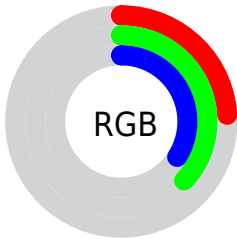
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 81, 95
Decimal	4022102
CIELab	37.57, -14.59, 1.23
CIElCh	38, 14.638, 175.167
Yxy	9.8484, 0.2764, 0.3537
Android (android.graphics.Color)	4282212182 (0xFF3D5F56)
YUV	83.8080, 1.0807, -20.0026
Hunter-Lab	31.3822, -11.1421, 2.5090

# Details

The Hex color **3D5F56** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5F3D46**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **6E9288**, and **0F3129** is the 20% darker color. If you saturate the color by 10%, you get **335F53**, and if you desaturate by 10%, it is **475F59**.

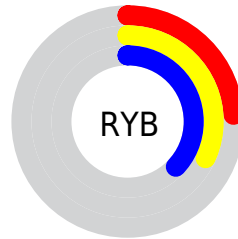
# Distribution



Red (24%)

Green (37%)

Blue (34%)



Red (24%)

Yellow (32%)

Blue (37%)

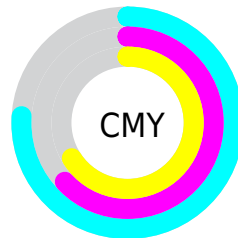


Cyan (36%)

Magenta (0%)

Yellow (9%)

Black (63%)



Cyan (76%)

Magenta (63%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D5F56 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 3D5F56 by changing the saturation by 10% instead.





3D5F56



3D5F56

FFFFFF



26473F



6E9288



0F3129



88ACA2



001C15



A2C8BD



000000



BDE4D9



D9FFF5



F6FFFF



3D5F56



3D5F56



335F53



475F59

■ 2A5F51

■ 505F5B

■ 215F4E

■ 5A5F5E

■ 175F4C

■ 635F60

■ 0E5F49

■ 6D5F63

■ 045F47

■ 765F65

■ 005F46

■ 805F68

■ 895F6A

■ 935F6D

# Harmonies

## Analogous

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



495E4B



3D5F56



375F62

# Triad

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



3D5F56



58566E



6C5345

# Complementary

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



3D5F56



5F3D46

# 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.



71504F



3D5F56



665266

# Square

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



3D5F56



485A70



6F505B



635741

# Rectangle

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



3D5F56



385E69



6F505B



6E5248



# Sweetspot

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



3D5F56



6D7A77



465F3D



353D3B



BDBDBD



3D3D3D



# Same Dimension

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



3D5F56



467A6C



3D575F



2C302F



007053



00F0B0



# Inverse Universe

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



5F3D46



7A4654



5F453D



302C2D



70001E



F0003F



# Previews

## White Background



This preview shows how the Hex color 3D5F56 looks on a white background.

## Color Contrast Check

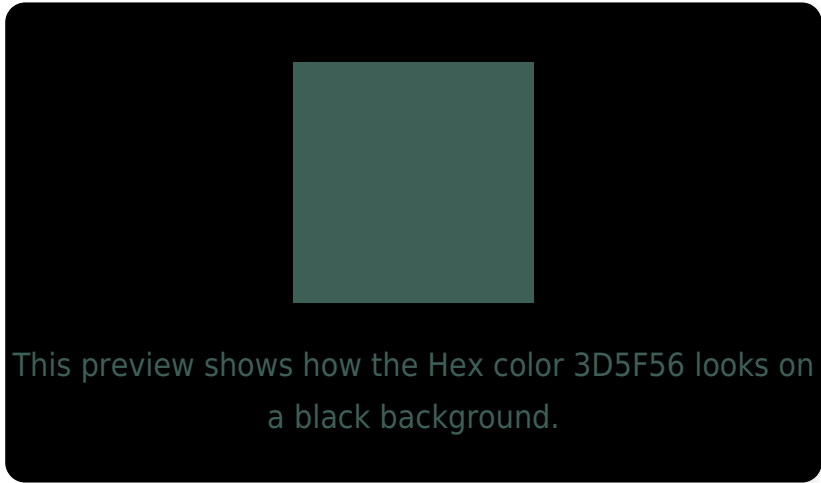
Large Text (above 18pt) WCAG AA ✓ Pass

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

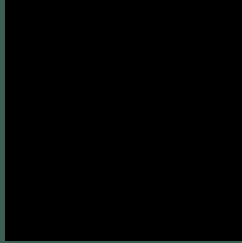
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3D5F56 Background



This preview shows how black text looks on a background with the Hex color 3D5F56.



This preview shows how white text looks on a background with the Hex color 3D5F56.

# 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**  
3D5F56

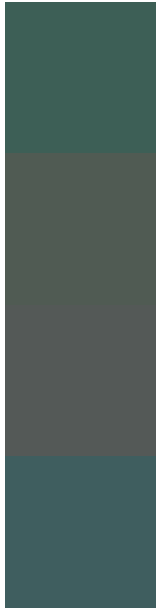
**Protanopia**  
5B5852

**Deuteranopia**  
615558



**Tritanopia**  
405D64

# Trichromacy



**Original Color**  
3D5F56

**Protanomaly**  
505B53

**Deuteranomaly**  
545957

**Tritanomaly**  
3F5E5F

# Monochromacy



**Original Color**  
3D5F56

**Achromatopsia**  
545454

**Achromatomaly**  
4C5855

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D5F56 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 #3D5F56 looks like.

```
.text, #text, p{  
    color:#3D5F56  
}
```

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 #3D5F56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D5F56
}
```

## Border

The CSS property to change the border of an element to Hex 3D5F56 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
#3D5F56 }
```

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

```
.border{ border-color:#3D5F56 }
```

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

Here you see how a box with a 4 pixel #3D5F56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D5F56; -webkit-box-shadow:4px 4px  
4px 4px #3D5F56; box-shadow:4px 4px 4px  
4px #3D5F56 }
```

# Background

The CSS property to change the background color of an element to Hex 3D5F56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D5F56 }
```

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

```
.background{ background-color:#3D5F56 }
```

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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