

# Converting Colors

Hex(3F6A59)

Have a look what the booklet for  
Hex(3F6A59) contains.

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# Color

**Hex(3F6A59)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F6A59
RGB	63, 106, 89
RGB Percent	25%, 42%, 35%
CMY	0.7529, 0.5843, 0.6510
CMYK	0.41, 0.00, 0.16, 0.58
HSL	156°, 25%, 33%
HSV	156°, 41%, 42%
XYZ	9.0071, 12.0861, 11.3093
YIQ	91.2050, -20.1710, -14.4030

# Conversions

## Conversions Part 2

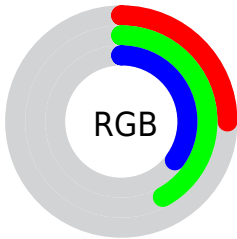
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 90, 106
Decimal	4155993
CIELab	41.35, -19.25, 4.87
CIELCh	41, 19.860, 165.803
Yxy	12.0861, 0.2780, 0.3730
Android (android.graphics.Color)	4282346073 (0xFF3F6A59)
YUV	91.2050, -1.0871, -24.7358
Hunter-Lab	34.7651, -14.5922, 5.0481

# Details

The Hex color **3F6A59** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A3F50**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **719E8B**, and **0E3A2C** is the 20% darker color. If you saturate the color by 10%, you get **346A55**, and if you desaturate by 10%, it is **4A6A5D**.

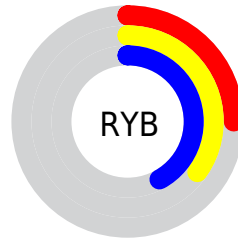
# Distribution



Red (25%)

Green (42%)

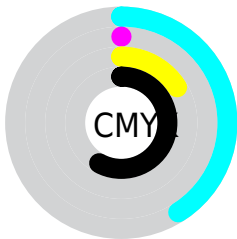
Blue (35%)



Red (25%)

Yellow (35%)

Blue (42%)

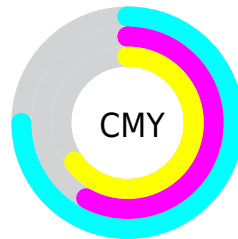


Cyan (41%)

Magenta (0%)

Yellow (16%)

Black (58%)



Cyan (75%)

Magenta (58%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F6A59 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 3F6A59 by changing the saturation by 10% instead.





3F6A59



3F6A59

FFFFFF



275242



719E8B



0E3A2C



8BB9A5



002417



A6D4C0



000900



C1F1DC



000000



DDFFF9



FAFFFF



3F6A59



3F6A59



346A55



4A6A5D

■ 2A6A51

■ 546A61

■ 1F6A4C

■ 5F6A66

■ 156A48

■ 696A6A

■ 0A6A44

■ 746A6E

■ 006A40

■ 7F6A72

■ 896A76

■ 946A7B

■ 9E6A7F

# Harmonies

## Analogous

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



52674A



3F6A59



306B6A

# Triad

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



3F6A59



596081



7F594B

# Complementary

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



3F6A59



6A3F50

# 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.



825659



3F6A59



6E5A78

# Square

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



3F6A59



416581



7D566A



745E42

# Rectangle

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



3F6A59



2E6A74



7D566A



81574F



# Sweetspot

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



3F6A59



798A83



506A3F



3B4541



C4C4C4



454545



# Same Dimension

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



3F6A59



468A6F



3F666A



303633



007547



00F594



# Inverse Universe

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



6A3F50



8A4661



6A433F



363032



75002E



F50061



# Previews

## White Background



This preview shows how the Hex color 3F6A59 looks on a white background.

## Color Contrast Check

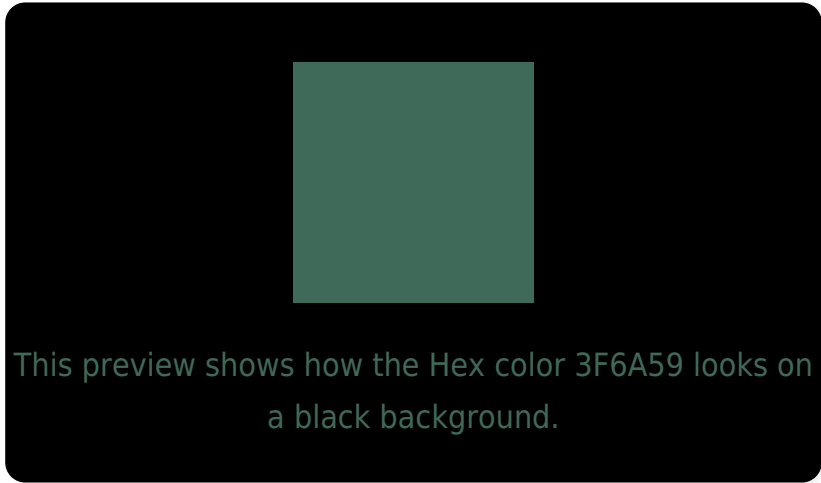
Large Text (above 18pt) WCAG AA ✓ Pass

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

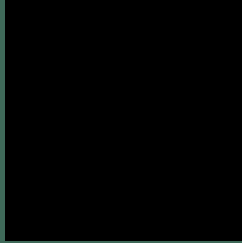
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F6A59 Background



This preview shows how black text looks on a background with the Hex color 3F6A59.



This preview shows how white text looks on a background with the Hex color 3F6A59.

# 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**  
3F6A59

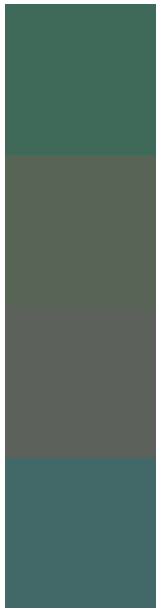
**Protanopia**  
666154

**Deuteranopia**  
6D5E5C



**Tritanopia**  
44676F

# Trichromacy



**Original Color**  
3F6A59

**Protanomaly**  
586456

**Deuteranomaly**  
5C625B

**Tritanomaly**  
426867

# Monochromacy



**Original Color**  
3F6A59

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
51605A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F6A59 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 #3F6A59 looks like.

```
.text, #text, p{  
    color:#3F6A59  
}
```

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 #3F6A59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F6A59
}
```

## Border

The CSS property to change the border of an element to Hex 3F6A59 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
#3F6A59 }
```

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

```
.border{ border-color:#3F6A59 }
```

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

Here you see how a box with a 4 pixel #3F6A59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F6A59; -webkit-box-shadow:4px 4px  
4px 4px #3F6A59; box-shadow:4px 4px 4px  
4px #3F6A59 }
```

# Background

The CSS property to change the background color of an element to Hex 3F6A59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F6A59 }
```

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

```
.background{ background-color:#3F6A59 }
```

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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