

Converting Colors

Hex(3F6653)

Have a look what the booklet for
Hex(3F6653) contains.

Hex(3F6653)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3F6653)

Conversions

Conversions Part 1

Format	Color
Hex	3F6653
RGB	63, 102, 83
RGB Percent	25%, 40%, 33%
CMY	0.7529, 0.6000, 0.6745
CMYK	0.38, 0.00, 0.19, 0.60
HSL	151°, 24%, 32%
HSV	151°, 38%, 40%
XYZ	8.3626, 11.1840, 9.9016
YIQ	88.1730, -17.1450, -14.1770

Conversions

Conversions Part 2

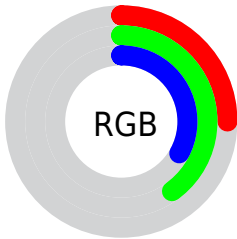
Format	Color
RYB	63, 89, 102
Decimal	4154963
CIELab	39.89, -18.52, 6.42
CIELCh	40, 19.597, 160.872
Yxy	11.1840, 0.2840, 0.3798
Android (android.graphics.Color)	4282345043 (0xFF3F6653)
YUV	88.1730, -2.5503, -22.0767
Hunter-Lab	33.4425, -13.8890, 5.8553

Details

The Hex color **3F6653** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **663F52**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **709984**, and **103726** is the 20% darker color. If you saturate the color by 10%, you get **35664E**, and if you desaturate by 10%, it is **496658**.

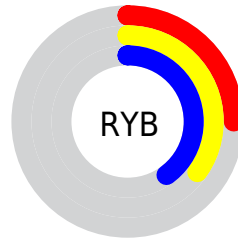
Distribution



Red (25%)

Green (40%)

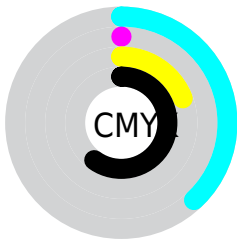
Blue (33%)



Red (25%)

Yellow (35%)

Blue (40%)

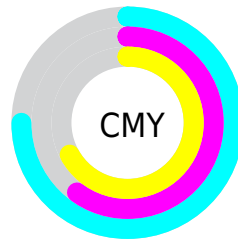


Cyan (38%)

Magenta (0%)

Yellow (19%)

Black (60%)



Cyan (75%)

Magenta (60%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F6653 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 3F6653 by changing the saturation by 10% instead.

■ 3F6653

■ 3F6653

FFFFFF

■ 284E3C

■ 709984

■ 103726

■ 8AB49F

■ 002112

■ A5D0B9

■ 000000

■ C0ECD5

■ DCFF2

■ F9FFFF

■ 3F6653

■ 3F6653

■ 35664E

■ 496658

■ 2B6649

■ 53665D

■ 206644

■ 5E6662

■ 16663F

■ 686667

■ 0C663A

■ 72666C

■ 026635

■ 7C6671

■ 006634

■ 866676

■ 91667B

■ 9B6680

Harmonies

Analogous

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



526345



3F6653



2F6763

Triad

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



3F6653



525E7D



7C554A

Complementary

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



3F6653



663F52

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.



7E5259



3F6653



685876

Square

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



3F6653



3A627C



775369



725940

Rectangle

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



3F6653



2A666E



775369



7D534E

Sweetspot

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



3F6653



76857D



53663F



3A423E



C2C2C2



424242

Same Dimension

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



3F6653



488567



3F6666



2E3331



00733B



00F27C

Inverse Universe

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



663F52



854865



663F3F



332E30



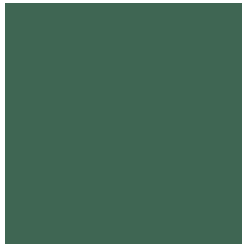
730038



F20076

Previews

White Background



This preview shows how the Hex color 3F6653 looks on a white background.

Color Contrast Check

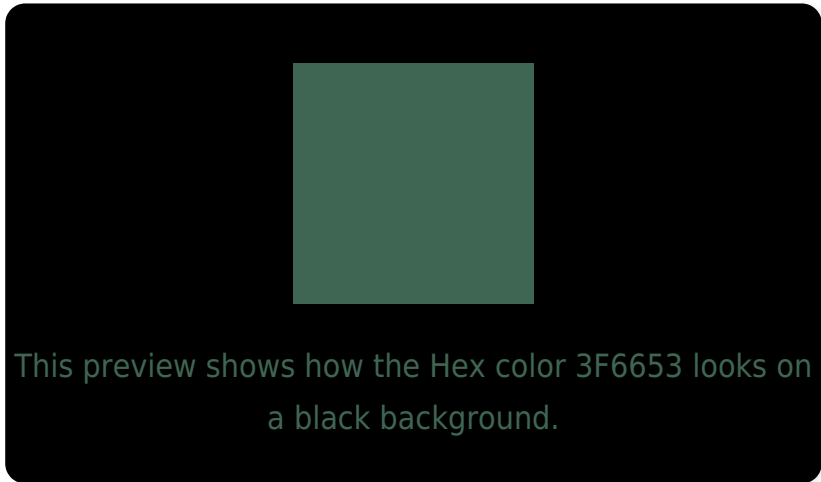
Large Text (above 18pt) WCAG AA ✓ Pass

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

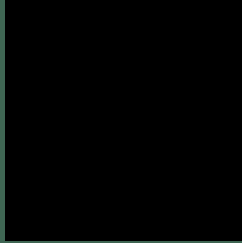
Any Text WCAG AA × Fail

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 3F6653 Background



This preview shows how black text looks on a background with the Hex color 3F6653.



This preview shows how white text looks on a background with the Hex color 3F6653.

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
3F6653

Protanopia
635D4F

Deuteranopia
6A5A55



Tritanopia
44636B

Trichromacy



Original Color

3F6653

Protanomaly

566050

Deuteranomaly

5A5E54

Tritanomaly

426462

Monochromacy



Original Color

3F6653

Achromatopsia

585858

Achromatomaly

4F5D56

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F6653 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 #3F6653 looks like.

```
.text, #text, p{  
    color:#3F6653  
}
```

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 #3F6653 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F6653
}
```

Border

The CSS property to change the border of an element to Hex 3F6653 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
#3F6653 }
```

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

```
.border{ border-color:#3F6653 }
```

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

Here you see how a box with a 4 pixel #3F6653 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F6653; -webkit-box-shadow:4px 4px  
4px 4px #3F6653; box-shadow:4px 4px 4px  
4px #3F6653 }
```

Background

The CSS property to change the background color of an element to Hex 3F6653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F6653 }
```

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

```
.background{ background-color:#3F6653 }
```

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