

# Converting Colors

Hex(3F6457)

Have a look what the booklet for  
Hex(3F6457) contains.

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# Color

**Hex(3F6457)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F6457
RGB	63, 100, 87
RGB Percent	25%, 39%, 34%
CMY	0.7529, 0.6078, 0.6588
CMYK	0.37, 0.00, 0.13, 0.61
HSL	159°, 23%, 32%
HSV	159°, 37%, 39%
XYZ	8.3274, 10.8592, 10.6740
YIQ	87.4550, -17.8790, -11.8870

# Conversions

## Conversions Part 2

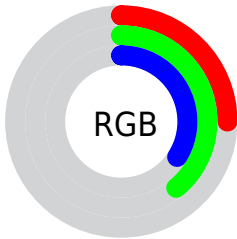
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 85, 100
Decimal	4154455
CIELab	39.34, -16.47, 3.20
CIElCh	39, 16.781, 169.009
Yxy	10.8592, 0.2789, 0.3637
Android (android.graphics.Color)	4282344535 (0xFF3F6457)
YUV	87.4550, -0.2243, -21.4470
Hunter-Lab	32.9533, -12.5611, 3.8626

# Details

The Hex color **3F6457** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **643F4C**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **709789**, and **10352A** is the 20% darker color. If you saturate the color by 10%, you get **356453**, and if you desaturate by 10%, it is **49645B**.

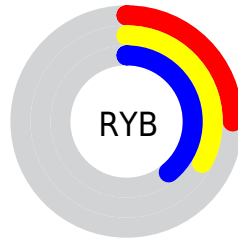
# Distribution



Red (25%)

Green (39%)

Blue (34%)



Red (25%)

Yellow (33%)

Blue (39%)

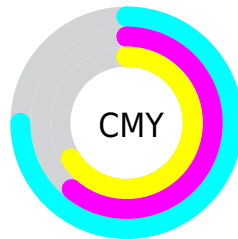


Cyan (37%)

Magenta (0%)

Yellow (13%)

Black (61%)



Cyan (75%)

Magenta (61%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F6457 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 3F6457 by changing the saturation by 10% instead.





3F6457



3F6457

FFFFFF



284C40



709789



10352A



8AB2A3



002015



A5CDBE



000000



C0EADA



DCFFF6



F9FFFF



3F6457



3F6457



356453



49645B

■ 2B6450

■ 53645E

■ 21644C

■ 5D6462

■ 176449

■ 676465

■ 0D6445

■ 716469

■ 036442

■ 7B646C

■ 006441

■ 856470

■ 8F6473

■ 996477

# Harmonies

## Analogous

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



4E624A



3F6457



356465

# Triad

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



3F6457



585B76



755649

# Complementary

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



3F6457



643F4C

# 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.



785354



3F6457



69566F

# Square

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



3F6457



455F77



755362



6B5A42

# Rectangle

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



3F6457



34636D



755362



77554C



# Sweetspot

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



3F6457



74827D



4D643F



3A423F



C2C2C2



424242



# Same Dimension

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



3F6457



49826E



3F5F64



2E3331



00734A



00F29D



# Inverse Universe

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



643F4C



82495D



64443F



332E30



730028



F20055



# Previews

## White Background



This preview shows how the Hex color 3F6457 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

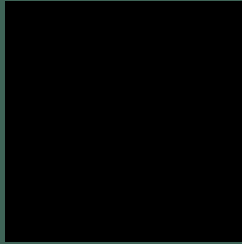
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F6457 Background



This preview shows how black text looks on a background with the Hex color 3F6457.



This preview shows how white text looks on a background with the Hex color 3F6457.

# 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**  
3F6457

**Protanopia**  
605C53

**Deuteranopia**  
665959



**Tritanopia**  
436169

# Trichromacy



**Original Color**  
3F6457

**Protanomaly**  
545F54

**Deuteranomaly**  
585D58

**Tritanomaly**  
426262

# Monochromacy



**Original Color**  
3F6457

**Achromatopsia**  
575757

**Achromatomaly**  
4E5C57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F6457 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 #3F6457 looks like.

```
.text, #text, p{  
    color:#3F6457  
}
```

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 #3F6457 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F6457
}
```

## Border

The CSS property to change the border of an element to Hex 3F6457 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
#3F6457 }
```

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

```
.border{ border-color:#3F6457 }
```

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

Here you see how a box with a 4 pixel #3F6457 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F6457; -webkit-box-shadow:4px 4px  
4px 4px #3F6457; box-shadow:4px 4px 4px  
4px #3F6457 }
```

# Background

The CSS property to change the background color of an element to Hex 3F6457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F6457 }
```

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

```
.background{ background-color:#3F6457 }
```

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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