

# Converting Colors

Hex(3F4652)

Have a look what the booklet for  
Hex(3F4652) contains.

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# Color

**Hex(3F4652)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F4652
RGB	63, 70, 82
RGB Percent	25%, 27%, 32%
CMY	0.7529, 0.7255, 0.6784
CMYK	0.23, 0.15, 0.00, 0.68
HSL	218°, 13%, 28%
HSV	218°, 23%, 32%
XYZ	5.7630, 6.0463, 8.8459
YIQ	69.2750, -8.0240, 2.2480

# Conversions

## Conversions Part 2

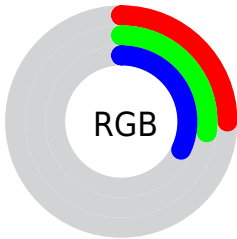
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 68, 82
Decimal	4146770
CIELab	29.53, 0.18, -8.12
CIELCh	30, 8.125, 271.303
Yxy	6.0463, 0.2790, 0.2927
Android (android.graphics.Color)	4282336850 (0xFF3F4652)
YUV	69.2750, 6.2734, -5.5032
Hunter-Lab	24.5892, -1.1954, -4.1171

# Details

The Hex color **3F4652** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **524B3F**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **6F7683**, and **141B25** is the 20% darker color. If you saturate the color by 10%, you get **374152**, and if you desaturate by 10%, it is **474B52**.

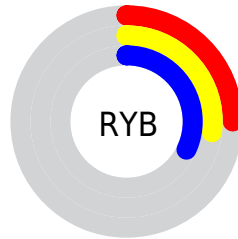
# Distribution



Red (25%)

Green (27%)

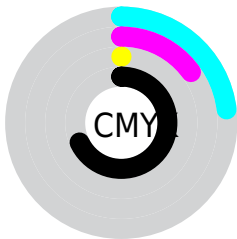
Blue (32%)



Red (25%)

Yellow (27%)

Blue (32%)

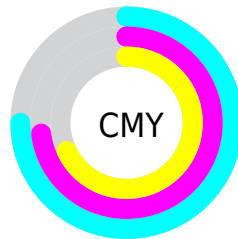


Cyan (23%)

Magenta (15%)

Yellow (0%)

Black (68%)



Cyan (75%)

Magenta (73%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F4652 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 3F4652 by changing the saturation by 10% instead.





3F4652



3F4652

FFFFFF



29303B



6F7683



141B25



88909D



000111



A3AAB8



000000



BEC6D4



DAE2F0



F6FEFF



3F4652



3F4652



374152



474B52

■ 2F3C52

■ 4F5052

■ 263652

■ 585652

■ 1E3152

■ 605B52

■ 162C52

■ 686052

■ 0E2752

■ 706552

■ 062252

■ 786A52

■ 001E52

■ 816F52

■ 897552

# Harmonies

## Analogous

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



384850



3F4652



474450

# Triad

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



3F4652



53423F



3C493F

# Complementary

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



3F4652



524B3F

# 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.



43473B



3F4652



50433B

# Square

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



3F4652



524146



4A4539



374946

# Rectangle

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



3F4652



4C434D



4A4539



3F483E



# Sweetspot

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



3F4652



64666B



3F524B



313336



B5B5B5



363636



# Same Dimension

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



3F4652



4D586B



413F52



252629



002769



0055E8



# Inverse Universe

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



523F46



6B4D58



50523F



292526



690027

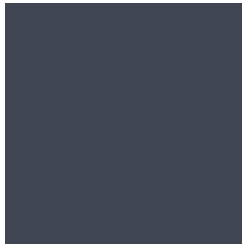


E80055



# Previews

## White Background



This preview shows how the Hex color 3F4652 looks on a white background.

## Color Contrast Check

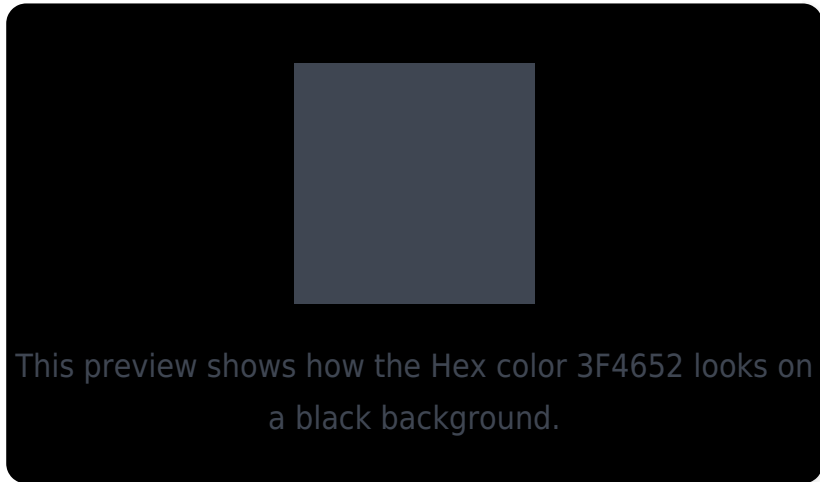
Large Text (above 18pt) WCAG AA ✓ Pass

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

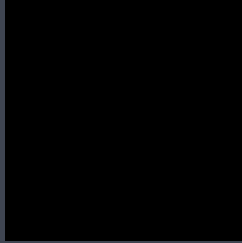
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

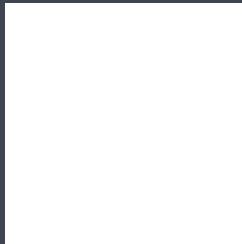
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3F4652 Background



This preview shows how black text looks on a background with the Hex color 3F4652.

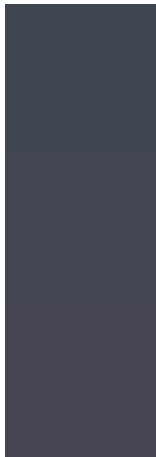


This preview shows how white text looks on a background with the Hex color 3F4652.

# 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](#).

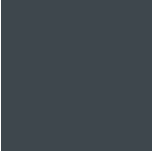
## Dichromacy



**Original Color**  
3F4652

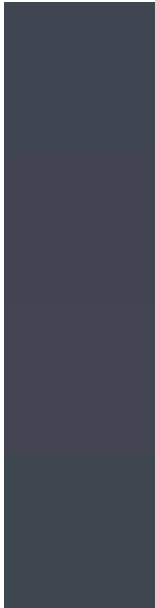
**Protanopia**  
434551

**Deuteranopia**  
464452



**Tritanopia**  
3E474D

# Trichromacy



**Original Color**  
3F4652

**Protanomaly**  
424551

**Deuteranomaly**  
434552

**Tritanomaly**  
3E474F

# Monochromacy



**Original Color**  
3F4652

**Achromatopsia**  
454545

**Achromatomaly**  
43454A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F4652 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 #3F4652 looks like.

```
.text, #text, p{  
    color:#3F4652  
}
```

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 #3F4652 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F4652
}
```

## Border

The CSS property to change the border of an element to Hex 3F4652 is called "border". The border property can be set on classes, ids or directly on the HTML element.

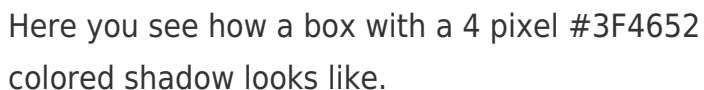
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F4652 }
```

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

```
.border{ border-color:#3F4652 }
```

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



Here you see how a box with a 4 pixel #3F4652 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F4652; -webkit-box-shadow:4px 4px  
4px 4px #3F4652; box-shadow:4px 4px 4px  
4px #3F4652 }
```

# Background

The CSS property to change the background color of an element to Hex 3F4652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F4652 }
```

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

```
.background{ background-color:#3F4652 }
```

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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