

Converting Colors

Hex(3F4754)

Have a look what the booklet for
Hex(3F4754) contains.

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Color

Hex(3F4754)

Conversions

Conversions Part 1

Format	Color
Hex	3F4754
RGB	63, 71, 84
RGB Percent	25%, 28%, 33%
CMY	0.7529, 0.7216, 0.6706
CMYK	0.25, 0.15, 0.00, 0.67
HSL	217°, 14%, 29%
HSV	217°, 25%, 33%
XYZ	5.9034, 6.2033, 9.2737
YIQ	70.0900, -8.9410, 2.3470

Conversions

Conversions Part 2

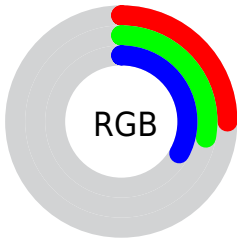
Format	Color
RYB	63, 69, 84
Decimal	4147028
CIELab	29.92, 0.08, -8.82
CIELCh	30, 8.824, 270.529
Yxy	6.2033, 0.2761, 0.2901
Android (android.graphics.Color)	4282337108 (0xFF3F4754)
YUV	70.0900, 6.8576, -6.2179
Hunter-Lab	24.9065, -1.2780, -4.6416

Details

The Hex color **3F4754** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **544C3F**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **6F7786**, and **141C27** is the 20% darker color. If you saturate the color by 10%, you get **374254**, and if you desaturate by 10%, it is **474C54**.

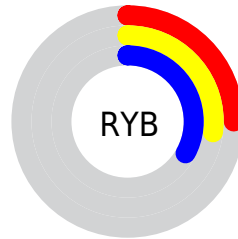
Distribution



Red (25%)

Green (28%)

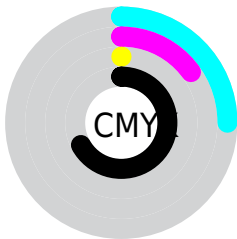
Blue (33%)



Red (25%)

Yellow (27%)

Blue (33%)

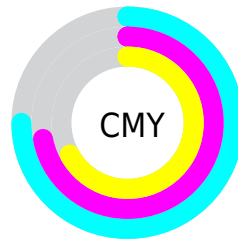


Cyan (25%)

Magenta (15%)

Yellow (0%)

Black (67%)



Cyan (75%)

Magenta (72%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F4754 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 3F4754 by changing the saturation by 10% instead.

■ 3F4754

■ 3F4754

FFFFFF

■ 29313D

■ 6F7786

■ 141C27

■ 8891A0

■ 000113

■ A3ABBB

■ 000000

■ BEC7D6

■ DAE3F3

■ F6FFFF

■ 3F4754

■ 3F4754

■ 374254

■ 474C54

■ 2E3D54

■ 505154

■ 263754

■ 585754

■ 1D3254

■ 615C54

■ 152D54

■ 696154

■ 0D2854

■ 716654

■ 042354

■ 7A6B54

■ 002054

■ 827154

■ 8B7654

Harmonies

Analogous

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



384952



3F4754



484552

Triad

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



3F4754



554240



3C4A40

Complementary

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



3F4754



544C3F

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.



44483B



3F4754



52443B

Square

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



3F4754



544247



4C4639



364A46

Rectangle

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



3F4754



4D434F



4C4639



3F493E

Sweetspot

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



3F4754



65686E



3F544C



323538



B8B8B8



383838

Same Dimension

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



3F4754



4D596E



413F54



252629



002869



0058E8

Inverse Universe

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



543F47



6E4D59



52543F



292526



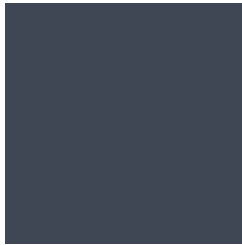
690028



E80058

Previews

White Background



This preview shows how the Hex color 3F4754 looks on a white background.

Color Contrast Check

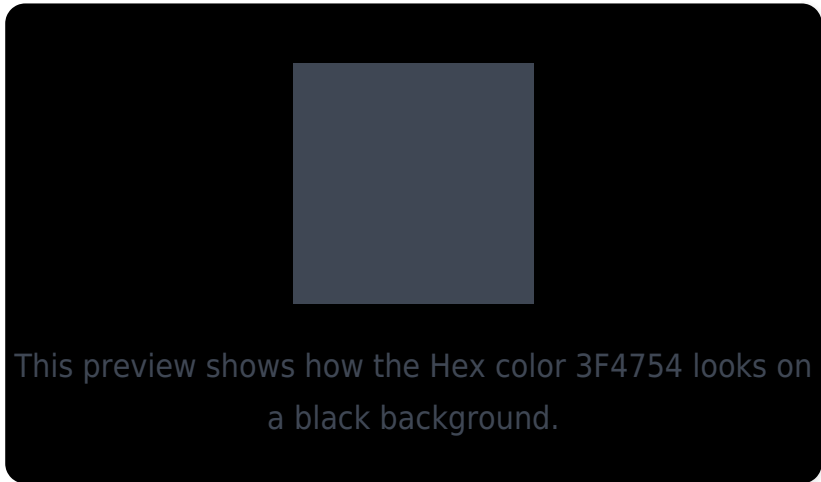
Large Text (above 18pt) WCAG AA ✓ Pass

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

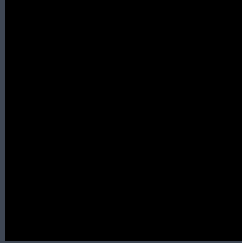
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

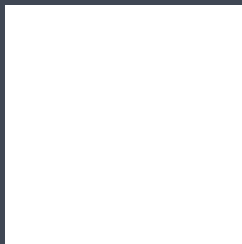
Any Text WCAG AAA × Fail

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

Hex 3F4754 Background



This preview shows how black text looks on a background with the Hex color 3F4754.

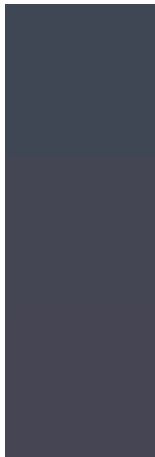


This preview shows how white text looks on a background with the Hex color 3F4754.

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
3F4754

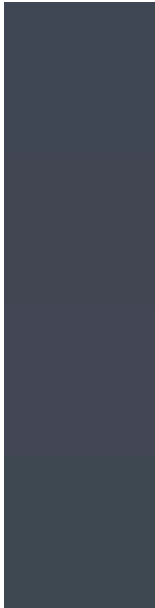
Protanopia
444653

Deuteranopia
464554



Tritanopia
3E484E

Trichromacy



Original Color

3F4754

Protanomaly

424653

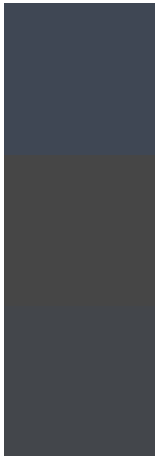
Deuteranomaly

434654

Tritanomaly

3E4850

Monochromacy



Original Color

3F4754

Achromatopsia

464646

Achromatomaly

43464B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F4754 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 #3F4754 looks like.

```
.text, #text, p{  
    color:#3F4754  
}
```

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 #3F4754 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F4754
}
```

Border

The CSS property to change the border of an element to Hex 3F4754 is called "border". The border property can be set on classes, ids or directly on the HTML element.

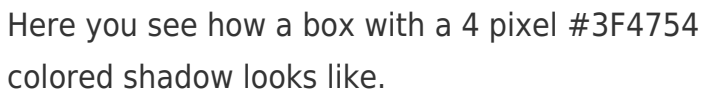
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F4754 }
```

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

```
.border{ border-color:#3F4754 }
```

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



Here you see how a box with a 4 pixel #3F4754 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F4754; -webkit-box-shadow:4px 4px  
4px 4px #3F4754; box-shadow:4px 4px 4px  
4px #3F4754 }
```

Background

The CSS property to change the background color of an element to Hex 3F4754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F4754 }
```

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

```
.background{ background-color:#3F4754 }
```

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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