

Converting Colors

Hex(3F4C5B)

Have a look what the booklet for
Hex(3F4C5B) contains.

Hex(3F4C5B)	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(3F4C5B)

Conversions

Conversions Part 1

Format	Color
Hex	3F4C5B
RGB	63, 76, 91
RGB Percent	25%, 30%, 36%
CMY	0.7529, 0.7020, 0.6431
CMYK	0.31, 0.16, 0.00, 0.64
HSL	212°, 18%, 30%
HSV	212°, 31%, 36%
XYZ	6.5227, 6.9810, 10.9012
YIQ	73.8230, -12.5630, 1.9090

Conversions

Conversions Part 2

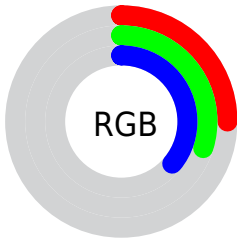
Format	Color
RYB	63, 72, 91
Decimal	4148315
CIELab	31.76, -1.17, -10.52
CIElCh	32, 10.582, 263.649
Yxy	6.9810, 0.2673, 0.2860
Android (android.graphics.Color)	4282338395 (0xFF3F4C5B)
YUV	73.8230, 8.4683, -9.4918
Hunter-Lab	26.4215, -2.1715, -5.9673

Details

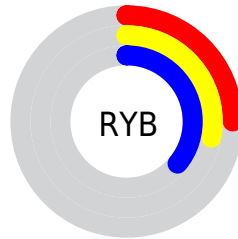
The Hex color **3F4C5B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5B4E3F**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **6F7D8D**, and **13202D** is the 20% darker color. If you saturate the color by 10%, you get **36475B**, and if you desaturate by 10%, it is **48515B**.

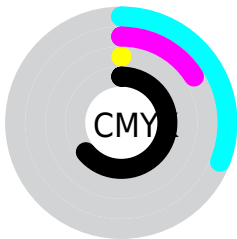
Distribution



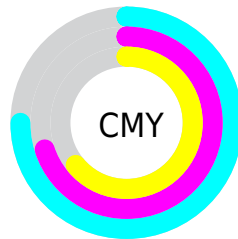
- Red (25%)
- Green (30%)
- Blue (36%)



- Red (25%)
- Yellow (28%)
- Blue (36%)



- Cyan (31%)
- Magenta (16%)
- Yellow (0%)
- Black (64%)



- Cyan (75%)
- Magenta (70%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F4C5B 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 3F4C5B by changing the saturation by 10% instead.

■ 3F4C5B

■ 3F4C5B

FFFFFF

■ 283544

■ 6F7D8D

■ 13202D

■ 8997A8

■ 000819

■ A3B1C3

■ 000000

■ BFCDDF

■ DBE9FB

■ F7FFFF

■ 3F4C5B

■ 3F4C5B

■ 36475B

■ 48515B

■ 2D425B

■ 51565B

■ 243D5B

■ 5A5B5B

■ 1B395B

■ 63605B

■ 11345B

■ 6D645B

■ 082F5B

■ 76695B

■ 002A5B

■ 7F6E5B

■ 88735B

■ 91785B

Harmonies

Analogous

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



374E58



3F4C5B



4A495A

Triad

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



3F4C5B



5C4544



414E41

Complementary

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



3F4C5B



5B4E3F

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.



4A4C3B



3F4C5B



59473E

Square

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



3F4C5B



5A454D



534A3A



384F49

Rectangle

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



3F4C5B



514757



534A3A



444E3F

Sweetspot

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



3F4C5B



6B7075



3F5B4E



34373B



BABABA



3B3B3B

Same Dimension

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



3F4C5B



4A5E75



403F5B



292B2E



00336E



006EED

Inverse Universe

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



5B3F4C



754A5E



5A5B3F



2E292B



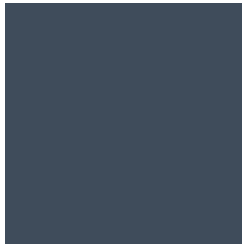
6E0033



ED006E

Previews

White Background



This preview shows how the Hex color 3F4C5B 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

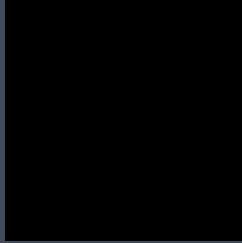
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

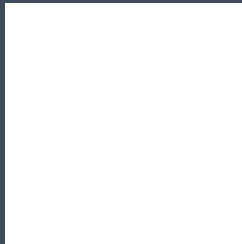
Any Text WCAG AAA × Fail

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

Hex 3F4C5B Background



This preview shows how black text looks on a background with the Hex color 3F4C5B.

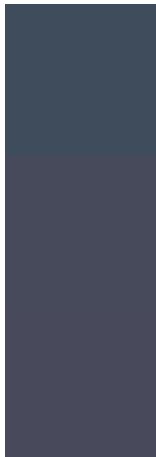


This preview shows how white text looks on a background with the Hex color 3F4C5B.

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](#).

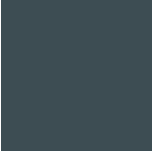
Dichromacy



Original Color
3F4C5B

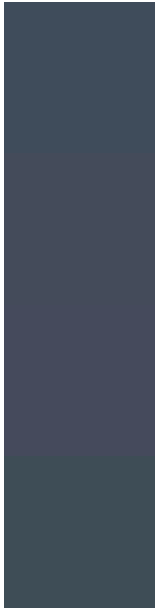
Protanopia
474A5A

Deuteranopia
49495C



Tritanopia
3D4D53

Trichromacy



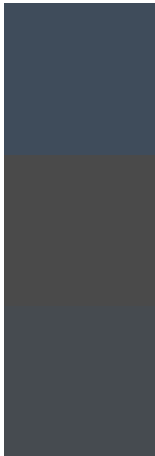
Original Color
3F4C5B

Protanomaly
444B5A

Deuteranomaly
454A5C

Tritanomaly
3E4D56

Monochromacy



Original Color
3F4C5B

Achromatopsia
4A4A4A

Achromatomaly
464B50

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F4C5B 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 #3F4C5B looks like.

```
.text, #text, p{  
    color:#3F4C5B  
}
```

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 #3F4C5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F4C5B
}
```

Border

The CSS property to change the border of an element to Hex 3F4C5B is called "border". The border property can be set on classes, ids or directly on the HTML element.

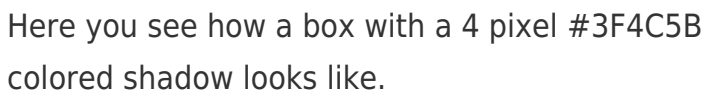
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F4C5B }
```

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

```
.border{ border-color:#3F4C5B }
```

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



Here you see how a box with a 4 pixel #3F4C5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F4C5B; -webkit-box-shadow:4px 4px  
4px 4px #3F4C5B; box-shadow:4px 4px 4px  
4px #3F4C5B }
```

Background

The CSS property to change the background color of an element to Hex 3F4C5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F4C5B }
```

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

```
.background{ background-color:#3F4C5B }
```

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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