

Converting Colors

Hex(3C4757)

Have a look what the booklet for
Hex(3C4757) contains.

Hex(3C4757)	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(3C4757)

Conversions

Conversions Part 1

Format	Color
Hex	3C4757
RGB	60, 71, 87
RGB Percent	24%, 28%, 34%
CMY	0.7647, 0.7216, 0.6588
CMYK	0.31, 0.18, 0.00, 0.66
HSL	216°, 18%, 29%
HSV	216°, 31%, 34%
XYZ	5.8370, 6.1553, 9.8973
YIQ	69.5350, -11.6920, 2.6440

Conversions

Conversions Part 2

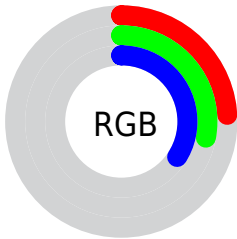
Format	Color
RYB	60, 68, 87
Decimal	3950423
CIELab	29.80, -0.15, -10.96
CIElCh	30, 10.959, 269.213
Yxy	6.1553, 0.2667, 0.2812
Android (android.graphics.Color)	4282140503 (0xFF3C4757)
YUV	69.5350, 8.6102, -8.3622
Hunter-Lab	24.8098, -1.4213, -6.2855

Details

The Hex color **3C4757** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **574C3C**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **6C7789**, and **101C2A** is the 20% darker color. If you saturate the color by 10%, you get **334257**, and if you desaturate by 10%, it is **454C57**.

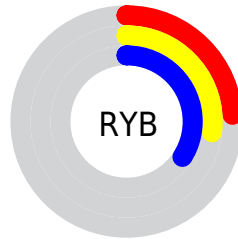
Distribution



Red (24%)

Green (28%)

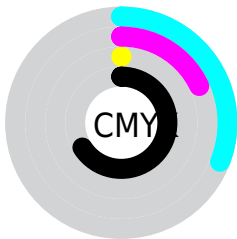
Blue (34%)



Red (24%)

Yellow (27%)

Blue (34%)

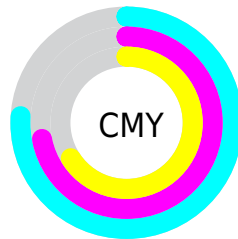


Cyan (31%)

Magenta (18%)

Yellow (0%)

Black (66%)



Cyan (76%)

Magenta (72%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C4757 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 3C4757 by changing the saturation by 10% instead.



3C4757



3C4757

FFFFFF



263140



6C7789



101C2A



8591A3



000116



A0ABBE



000000



BBC7DA



D7E3F6



F3FFFF



3C4757



3C4757



334257



454C57

■ 2B3D57

■ 4D5157

■ 223857

■ 565657

■ 193257

■ 5F5C57

■ 102D57

■ 686157

■ 082857

■ 706657

■ 002357

■ 796B57

■ 827057

■ 8A7557

Harmonies

Analogous

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



324955



3C4757



474455

Triad

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



3C4757



58413E



3A4A3D

Complementary

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



3C4757



574C3C

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.



444837



3C4757



544338

Square

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



3C4757



574047



4D4635



324B46

Rectangle

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



3C4757



4E4251



4D4635



3D4A3B

Sweetspot

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



3C4757



666A70



3C574C



323438



B8B8B8



383838

Same Dimension

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



3C4757



475870



3E3C57



27292B



002C6B



0060EB

Inverse Universe

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



573C47



704758



55573C



2B2729



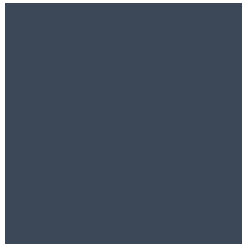
6B002C



EB0060

Previews

White Background



This preview shows how the Hex color 3C4757 looks on a white background.

Color Contrast Check

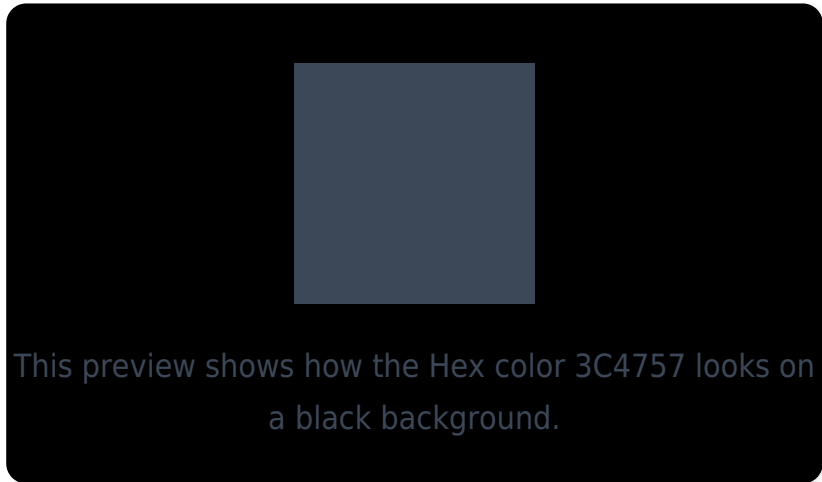
Large Text (above 18pt) WCAG AA ✓ Pass

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

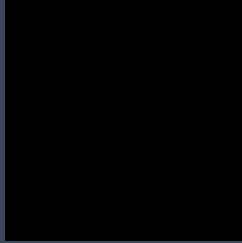
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

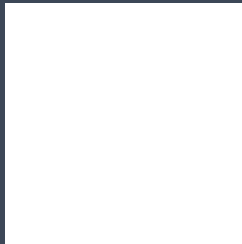
Any Text WCAG AAA × Fail

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

Hex 3C4757 Background



This preview shows how black text looks on a background with the Hex color 3C4757.

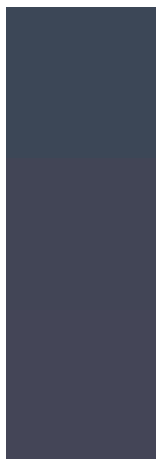


This preview shows how white text looks on a background with the Hex color 3C4757.

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

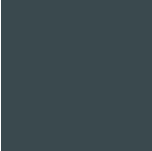
3C4757

Protanopia

424556

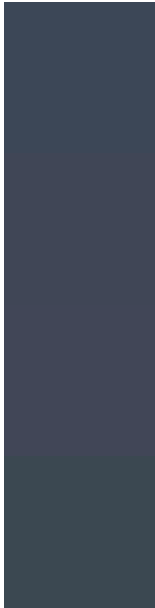
Deuteranopia

444557



Tritanopia
3A494E

Trichromacy



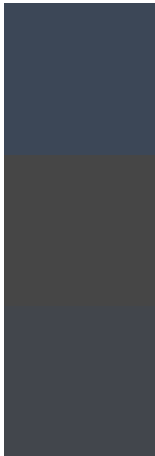
Original Color
3C4757

Protanomaly
404656

Deuteranomaly
414657

Tritanomaly
3B4851

Monochromacy



Original Color
3C4757

Achromatopsia
464646

Achromatomaly
42464C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C4757 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 #3C4757 looks like.

```
.text, #text, p{  
    color:#3C4757  
}
```

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 #3C4757 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C4757
}
```

Border

The CSS property to change the border of an element to Hex 3C4757 is called "border". The border property can be set on classes, ids or directly on the HTML element.

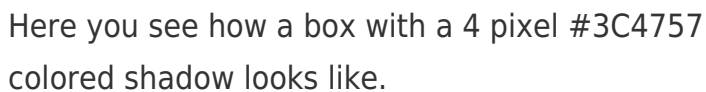
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C4757 }
```

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

```
.border{ border-color:#3C4757 }
```

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



Here you see how a box with a 4 pixel #3C4757 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C4757; -webkit-box-shadow:4px 4px  
4px 4px #3C4757; box-shadow:4px 4px 4px  
4px #3C4757 }
```

Background

The CSS property to change the background color of an element to Hex 3C4757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C4757 }
```

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

```
.background{ background-color:#3C4757 }
```

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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