

Converting Colors

Hex(3C4751)

Have a look what the booklet for
Hex(3C4751) contains.

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Color

Hex(3C4751)

Conversions

Conversions Part 1

Format	Color
Hex	3C4751
RGB	60, 71, 81
RGB Percent	24%, 28%, 32%
CMY	0.7647, 0.7216, 0.6824
CMYK	0.26, 0.12, 0.00, 0.68
HSL	209°, 15%, 28%
HSV	209°, 26%, 32%
XYZ	5.6019, 6.0612, 8.6593
YIQ	68.8510, -9.7660, 0.7780

Conversions

Conversions Part 2

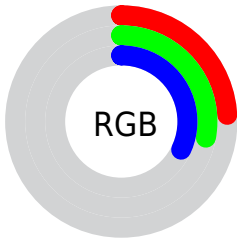
Format	Color
RYB	60, 67, 81
Decimal	3950417
CIELab	29.57, -1.82, -7.44
CIELCh	30, 7.665, 256.228
Yxy	6.0612, 0.2757, 0.2983
Android (android.graphics.Color)	4282140497 (0xFF3C4751)
YUV	68.8510, 5.9895, -7.7623
Hunter-Lab	24.6195, -2.4684, -3.6200

Details

The Hex color **3C4751** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **51463C**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **6C7782**, and **111C24** is the 20% darker color. If you saturate the color by 10%, you get **344351**, and if you desaturate by 10%, it is **444B51**.

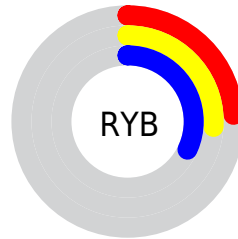
Distribution



 Red (24%)

 Green (28%)

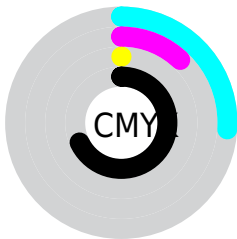
 Blue (32%)




 Red (24%)

 Yellow (26%)

 Blue (32%)

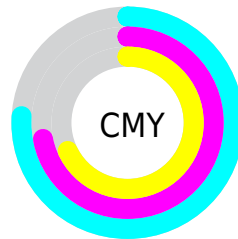


 Cyan (26%)

 Magenta (12%)

 Yellow (0%)

 Black (68%)



 Cyan (76%)

 Magenta (72%)

 Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C4751 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 3C4751 by changing the saturation by 10% instead.

■ 3C4751

■ 3C4751

FFFFFF

■ 26313A

■ 6C7782

■ 111C24

■ 85919C

■ 00010F

■ 9FABB7

■ 000000

■ BAC7D3

■ D6E3EF

■ F3FFFF

■ 3C4751

■ 3C4751

■ 344351

■ 444B51

■ 2C3F51

■ 4C4F51

■ 243B51

■ 545351

■ 1C3851

■ 5C5651

■ 143451

■ 655A51

■ 0B3051

■ 6D5E51

■ 032C51

■ 756251

■ 002A51

■ 7D6651

■ 856A51

Harmonies

Analogous

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



37484E



3C4751



434551

Triad

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



3C4751



524243



40483D

Complementary

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



3C4751



51463C

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.



47463A



3C4751



51433D

Square

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



3C4751



504249



4D443A



3A4943

Rectangle

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



3C4751



48444F



4D443A



42473C

Sweetspot

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



3C4751



606569



3C5146



303336



B5B5B5



363636

Same Dimension

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



3C4751



485969



3C3D51



252729



003769



007AE8

Inverse Universe

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



513C47



694859



51503C



292527



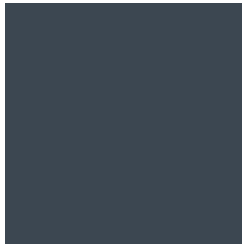
690037



E8007A

Previews

White Background



This preview shows how the Hex color 3C4751 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

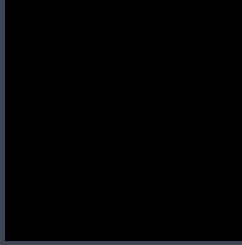
Any Text WCAG AA × Fail

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 3C4751 Background



This preview shows how black text looks on a background with the Hex color 3C4751.



This preview shows how white text looks on a background with the Hex color 3C4751.

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

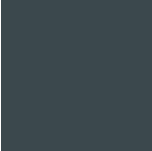
3C4751

Protanopia

444550

Deuteranopia

464452



Tritanopia
3B484D

Trichromacy



Original Color

3C4751

Protanomaly

414650

Deuteranomaly

424552

Tritanomaly

3B484E

Monochromacy



Original Color

3C4751

Achromatopsia

454545

Achromatomaly

424649

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C4751 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 #3C4751 looks like.

```
.text, #text, p{  
    color:#3C4751  
}
```

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 #3C4751 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C4751
}
```

Border

The CSS property to change the border of an element to Hex 3C4751 is called "border". The border property can be set on classes, ids or directly on the HTML element.

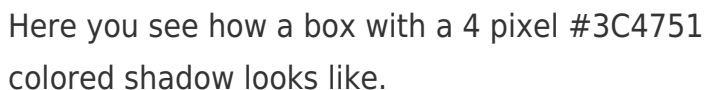
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C4751 }
```

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

```
.border{ border-color:#3C4751 }
```

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



Here you see how a box with a 4 pixel #3C4751 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C4751; -webkit-box-shadow:4px 4px  
4px 4px #3C4751; box-shadow:4px 4px 4px  
4px #3C4751 }
```

Background

The CSS property to change the background color of an element to Hex 3C4751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C4751 }
```

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

```
.background{ background-color:#3C4751 }
```

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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