

Converting Colors

Hex(3C3757)

Have a look what the booklet for
Hex(3C3757) contains.

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Color

Hex(3C3757)

Conversions

Conversions Part 1

Format	Color
Hex	3C3757
RGB	60, 55, 87
RGB Percent	24%, 22%, 34%
CMY	0.7647, 0.7843, 0.6588
CMYK	0.31, 0.37, 0.00, 0.66
HSL	249°, 23%, 28%
HSV	249°, 37%, 34%
XYZ	4.9500, 4.3812, 9.6016
YIQ	60.1430, -7.2920, 11.0120

Conversions

Conversions Part 2

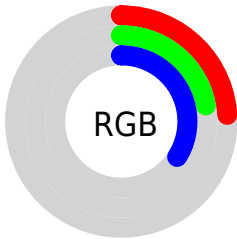
Format	Color
RYB	60, 55, 87
Decimal	3946327
CIELab	24.89, 10.46, -18.51
CIELCh	25, 21.263, 299.453
Yxy	4.3812, 0.2615, 0.2314
Android (android.graphics.Color)	4282136407 (0xFF3C3757)
YUV	60.1430, 13.2405, -0.1254
Hunter-Lab	20.9312, 5.5834, -12.5457

Details

The Hex color **3C3757** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **525737**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **6C6689**, and **110C2A** is the 20% darker color. If you saturate the color by 10%, you get **352E57**, and if you desaturate by 10%, it is **434057**.

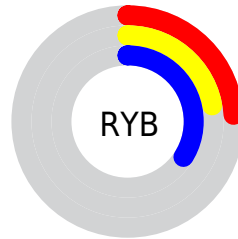
Distribution



Red (24%)

Green (22%)

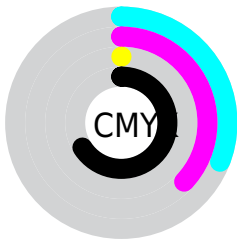
Blue (34%)



Red (24%)

Yellow (22%)

Blue (34%)

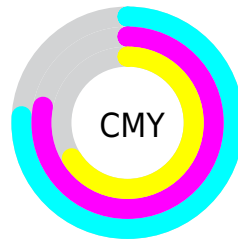


Cyan (31%)

Magenta (37%)

Yellow (0%)

Black (66%)



Cyan (76%)

Magenta (78%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C3757 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 3C3757 by changing the saturation by 10% instead.

■ 3C3757

■ 3C3757

FFFFFF

■ 252240

■ 6C6689

■ 110C2A

■ 867FA3

■ 000114

■ A099BE

■ 000000

■ BBB3DA

■ D7CFF7

■ F4EBFF

■ 3C3757

■ 3C3757

■ 352E57

■ 434057

■ 2D2657

■ 4B4857

■ 261D57

■ 525157

■ 1F1457

■ 595A57

■ 170C57

■ 616357

■ 100357

■ 686B57

■ 0E0057

■ 6F7457

■ 777D57

■ 7E8557

Harmonies

Analogous

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



203D5B



3C3757



4F314C

Triad

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



3C3757



523420



03433A

Complementary

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



3C3757



525737

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.



21422A



3C3757



453A1A

Square

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



3C3757



592F2C



353F1E



00434A

Rectangle

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



3C3757



562F41



353F1E



104335

Sweetspot

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



3C3757



666470



375257



323138



B8B8B8



383838

Same Dimension

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



3C3757



473F70



4C3757



28272B



11006B



2500EB

Inverse Universe

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



573752



703F68



425737



2B272B



6B005A



EB00C6

Previews

White Background



This preview shows how the Hex color 3C3757 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

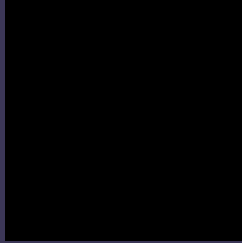
Any Text WCAG AA × Fail

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 3C3757 Background



This preview shows how black text looks on a background with the Hex color 3C3757.

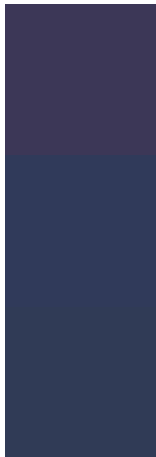


This preview shows how white text looks on a background with the Hex color 3C3757.

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
3C3757

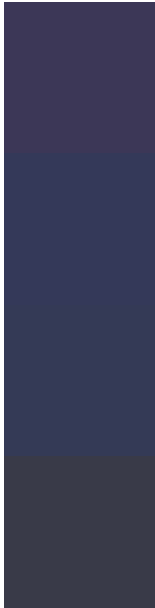
Protanopia
303A5A

Deuteranopia
303B56



Tritanopia
373C40

Trichromacy



Original Color
3C3757

Protanomaly
343959

Deuteranomaly
343A56

Tritanomaly
393A48

Monochromacy



Original Color
3C3757

Achromatopsia
3C3C3C

Achromatomaly
3C3A46

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C3757 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 #3C3757 looks like.

```
.text, #text, p{  
  color:#3C3757  
}
```

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 #3C3757 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C3757
}
```

Border

The CSS property to change the border of an element to Hex 3C3757 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
#3C3757 }
```

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

```
.border{ border-color:#3C3757 }
```

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

Here you see how a box with a 4 pixel #3C3757 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C3757; -webkit-box-shadow:4px 4px  
4px 4px #3C3757; box-shadow:4px 4px 4px  
4px #3C3757 }
```

Background

The CSS property to change the background color of an element to Hex 3C3757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C3757 }
```

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

```
.background{ background-color:#3C3757 }
```

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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