

Converting Colors

Hex(3F3537)

Have a look what the booklet for
Hex(3F3537) contains.

Hex(3F3537)	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(3F3537)

Conversions

Conversions Part 1

Format	Color
Hex	3F3537
RGB	63, 53, 55
RGB Percent	25%, 21%, 22%
CMY	0.7529, 0.7922, 0.7843
CMYK	0.00, 0.16, 0.13, 0.75
HSL	348°, 9%, 23%
HSV	348°, 16%, 25%
XYZ	4.0126, 3.8788, 4.1516
YIQ	56.2180, 5.3180, 2.7420

Conversions

Conversions Part 2

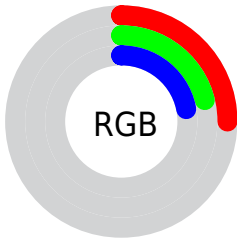
Format	Color
RYB	63, 53, 55
Decimal	4142391
CIELab	23.27, 4.85, 0.39
CIELCh	23, 4.863, 4.547
Yxy	3.8788, 0.3332, 0.3221
Android (android.graphics.Color)	4282332471 (0xFF3F3537)
YUV	56.2180, -0.6005, 5.9478
Hunter-Lab	19.6947, 1.9019, 1.2880

Details

The Hex color **3F3537** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **353F3D**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **6F6466**, and **15080B** is the 20% darker color. If you saturate the color by 10%, you get **3F2F32**, and if you desaturate by 10%, it is **3F3B3C**.

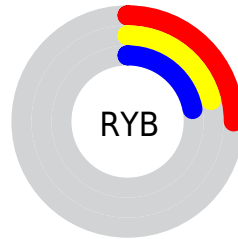
Distribution



Red (25%)

Green (21%)

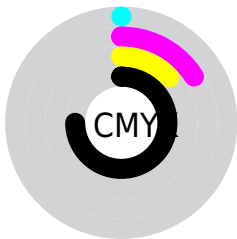
Blue (22%)



Red (25%)

Yellow (21%)

Blue (22%)

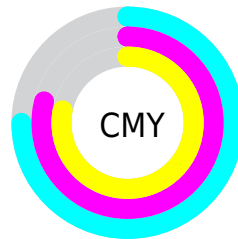


Cyan (0%)

Magenta (16%)

Yellow (13%)

Black (75%)



Cyan (75%)

Magenta (79%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F3537 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 3F3537 by changing the saturation by 10% instead.

■ 3F3537

■ 3F3537

FFFFFF

■ 292022

■ 6F6466

■ 15080B

■ 887C7F

■ 000000

■ A29699

■ BDB1B3

■ D9CCCF

■ F6E9EB

■ 3F3537

■ 3F3537

■ 3F2F32

■ 3F3B3C

■ 3F282D

■ 3F4241

■ 3F2228

■ 3F4846

■ 3F1C23

■ 3F4E4B

■ 3F161E

■ 3F5550

■ 3F0F19

■ 3F5B55

■ 3F0914

■ 3F615A

■ 3F030F

■ 3F675F

■ 3F000D

■ 3F6E64

Harmonies

Analogous

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



3D353B



3F3537



3F3533

Triad

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



3F3537



363831



30393E

Complementary

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



3F3537



353F3D

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.



2E393B



3F3537



323934

Square

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



3F3537



3A3730



2F3A38



34383F

Rectangle

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



3F3537



3E3632



2F3A38



30393D

Sweetspot

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



3F3537



524E4E



3D353F



292627



A8A8A8



292929

Same Dimension

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



3F3537



524245



3F3835



1F1C1C



5E0013



DE002C

Inverse Universe

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



3F3537



524245



353C3F



1F1C1C



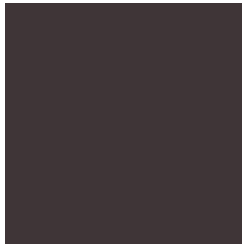
5E0013



DE002C

Previews

White Background



This preview shows how the Hex color 3F3537 looks on a white background.

Color Contrast Check

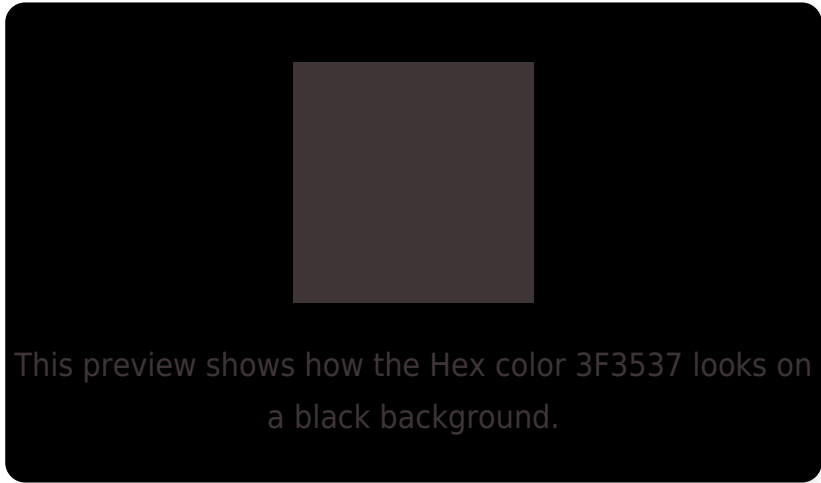
Large Text (above 18pt) WCAG AA ✓ Pass

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

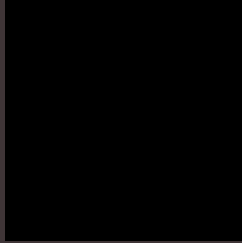
Any Text WCAG AA × Fail

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 3F3537 Background



This preview shows how black text looks on a background with the Hex color 3F3537.

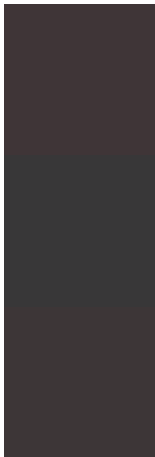


This preview shows how white text looks on a background with the Hex color 3F3537.

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
3F3537

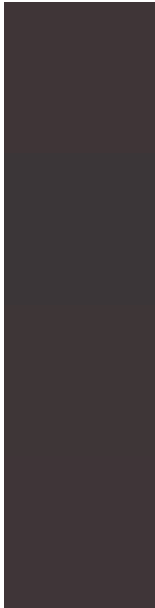
Protanopia
383738

Deuteranopia
3D3637



Tritanopia
3F3539

Trichromacy



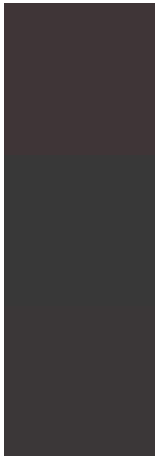
Original Color
3F3537

Protanomaly
3B3638

Deuteranomaly
3E3637

Tritanomaly
3F3538

Monochromacy



Original Color
3F3537

Achromatopsia
383838

Achromatomaly
3B3738

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F3537 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 #3F3537 looks like.

```
.text, #text, p{  
  color:#3F3537  
}
```

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 #3F3537 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F3537
}
```

Border

The CSS property to change the border of an element to Hex 3F3537 is called "border". The border property can be set on classes, ids or directly on the HTML element.

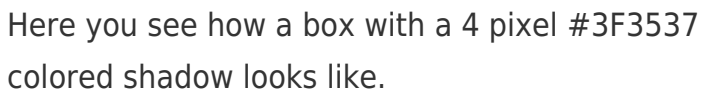
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F3537 }
```

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

```
.border{ border-color:#3F3537 }
```

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



Here you see how a box with a 4 pixel #3F3537 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F3537; -webkit-box-shadow:4px 4px  
4px 4px #3F3537; box-shadow:4px 4px 4px  
4px #3F3537 }
```

Background

The CSS property to change the background color of an element to Hex 3F3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F3537 }
```

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

```
.background{ background-color:#3F3537 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor