

Converting Colors

Hex(3F5237)

Have a look what the booklet for
Hex(3F5237) contains.

Hex(3F5237)	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(3F5237)

Conversions

Conversions Part 1

Format	Color
Hex	3F5237
RGB	63, 82, 55
RGB Percent	25%, 32%, 22%
CMY	0.7529, 0.6784, 0.7843
CMYK	0.23, 0.00, 0.33, 0.68
HSL	102°, 20%, 27%
HSV	102°, 33%, 32%
XYZ	5.7568, 7.3672, 4.7330
YIQ	73.2410, -2.6570, -12.4250

Conversions

Conversions Part 2

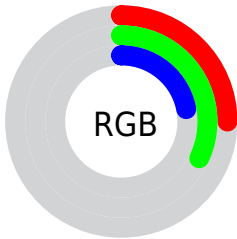
Format	Color
RYB	55, 82, 74
Decimal	4149815
CIELab	32.63, -13.25, 13.52
CIELCh	33, 18.929, 134.415
Yxy	7.3672, 0.3224, 0.4126
Android (android.graphics.Color)	4282339895 (0xFF3F5237)
YUV	73.2410, -8.9928, -8.9814
Hunter-Lab	27.1426, -9.6406, 8.6610

Details

The Hex color **3F5237** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4A3752**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **6F8366**, and **14250C** is the 20% darker color. If you saturate the color by 10%, you get **39522F**, and if you desaturate by 10%, it is **45523F**.

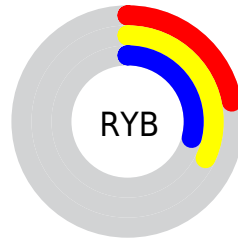
Distribution



Red (25%)

Green (32%)

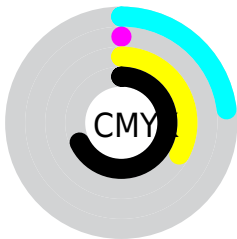
Blue (22%)



Red (22%)

Yellow (32%)

Blue (29%)

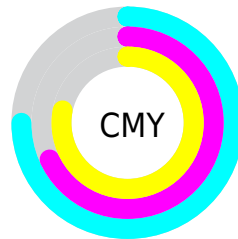


Cyan (23%)

Magenta (0%)

Yellow (33%)

Black (68%)



Cyan (75%)

Magenta (68%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F5237 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 3F5237 by changing the saturation by 10% instead.



3F5237



3F5237

FFFFFF



293B21



6F8366



14250C



899E7F



001100



A3B999



000000



BED4B4



DAF1CF



F7FFEC



3F5237



3F5237



39522F



45523F

■ 335227

■ 4B5247

■ 2E521E

■ 505250

■ 285216

■ 565258

■ 22520E

■ 5C5260

■ 1C5206

■ 625268

■ 185200

■ 675270

■ 6D5279

■ 735281

Harmonies

Analogous

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



504E30



3F5237



2D5444

Triad

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



3F5237



2C5069



6A4246

Complementary

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



3F5237



4A3752

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.



654255



3F5237



434C69

Square

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



3F5237



1A5461



584662



674439

Rectangle

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



3F5237



22554F



584662



6A414B

Sweetspot

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



3F5237



646B60



524A37



31362F



B5B5B5



363636

Same Dimension

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



3F5237



4D6B40



37523C



262925



1F6900



45E800

Inverse Universe

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



4A3752



5E406B



52374D



282529



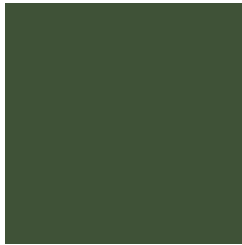
4A0069



A300E8

Previews

White Background



This preview shows how the Hex color 3F5237 looks on a white background.

Color Contrast Check

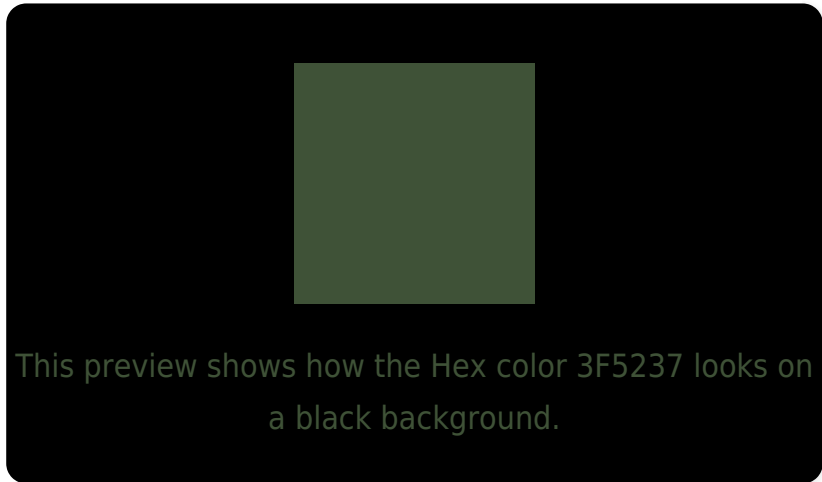
Large Text (above 18pt) WCAG AA ✓ Pass

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

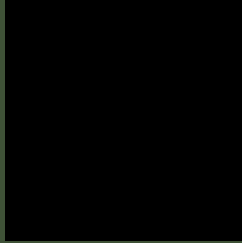
Any Text WCAG AA × Fail

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 3F5237 Background



This preview shows how black text looks on a background with the Hex color 3F5237.



This preview shows how white text looks on a background with the Hex color 3F5237.

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
3F5237

Protanopia
534D35

Deuteranopia
5A4939



Tritanopia
444E55

Trichromacy



Original Color
3F5237

Protanomaly
4C4F36

Deuteranomaly
504C38

Tritanomaly
424F4A

Monochromacy



Original Color
3F5237

Achromatopsia
494949

Achromatomaly
454C42

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F5237 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 #3F5237 looks like.

```
.text, #text, p{  
    color:#3F5237  
}
```

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 #3F5237 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F5237
}
```

Border

The CSS property to change the border of an element to Hex 3F5237 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".

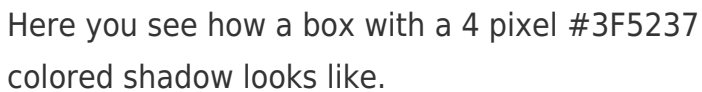
```
.border, #border, table{ border:4px solid
#3F5237 }
```

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

```
.border{ border-color:#3F5237 }
```

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

Here you see how a box with a 4 pixel #3F5237 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F5237; -webkit-box-shadow:4px 4px  
4px 4px #3F5237; box-shadow:4px 4px 4px  
4px #3F5237 }
```

Background

The CSS property to change the background color of an element to Hex 3F5237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F5237 }
```

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

```
.background{ background-color:#3F5237 }
```

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