

Converting Colors

Hex(3F523E)

Have a look what the booklet for
Hex(3F523E) contains.

Hex(3F523E)	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(3F523E)

Conversions

Conversions Part 1

Format	Color
Hex	3F523E
RGB	63, 82, 62
RGB Percent	25%, 32%, 24%
CMY	0.7529, 0.6784, 0.7569
CMYK	0.23, 0.00, 0.24, 0.68
HSL	117°, 14%, 28%
HSV	117°, 24%, 32%
XYZ	5.9367, 7.4391, 5.6804
YIQ	74.0390, -4.9040, -10.2480

Conversions

Conversions Part 2

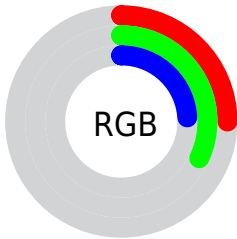
Format	Color
RYB	62, 82, 81
Decimal	4149822
CIELab	32.79, -11.90, 9.38
CIElCh	33, 15.157, 141.751
Yxy	7.4391, 0.3115, 0.3904
Android (android.graphics.Color)	4282339902 (0xFF3F523E)
YUV	74.0390, -5.9352, -9.6812
Hunter-Lab	27.2748, -8.8782, 6.7442

Details

The Hex color **3F523E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **513E52**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **6F836E**, and **142514** is the 20% darker color. If you saturate the color by 10%, you get **375236**, and if you desaturate by 10%, it is **475246**.

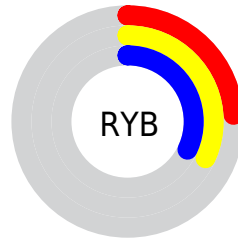
Distribution



Red (25%)

Green (32%)

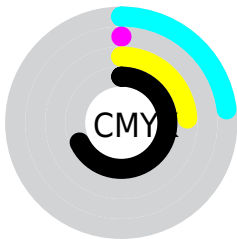
Blue (24%)



Red (24%)

Yellow (32%)

Blue (32%)

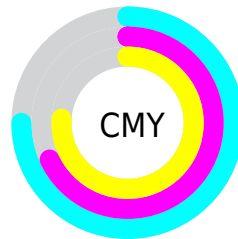


Cyan (23%)

Magenta (0%)

Yellow (24%)

Black (68%)



Cyan (75%)

Magenta (68%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F523E 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 3F523E by changing the saturation by 10% instead.



3F523E



3F523E

FFFFFF



293B28



6F836E



142514



899E87



001100



A3B9A1



000000



BED4BC



DAF1D8



F6FFF4



3F523E



3F523E



375236



475246

 2F522E

 4F524E

 285225

 565257

 20521D

 5E525F

 185215

 665267

 10520D

 6E526F

 085205

 765277

 045200

 7D5280

 855288

Harmonies

Analogous

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



4D4F37



3F523E



325449

Triad

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



3F523E



3A4F64



654545

Complementary

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



3F523E



513E52

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.



634551



3F523E



4A4B63

Square

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



3F523E



2C525F



59475C



62473B

Rectangle

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



3F523E



2B5452



59475C



654449

Sweetspot

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



3F523E



646B64



52513E



313631



B5B5B5



363636

Same Dimension

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



3F523E



4E6B4C



3E5247



252925



056900



0CE800

Inverse Universe

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



513E52



6A4C6B



523E49



292529



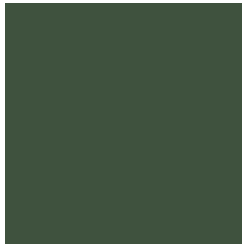
630069



DC00E8

Previews

White Background



This preview shows how the Hex color 3F523E 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

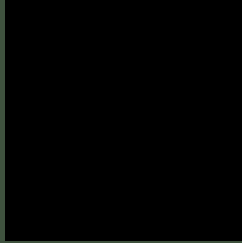
Any Text WCAG AA × Fail

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 3F523E Background



This preview shows how black text looks on a background with the Hex color 3F523E.



This preview shows how white text looks on a background with the Hex color 3F523E.

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
3F523E

Protanopia
524D3C

Deuteranopia
594A40



Tritanopia
434F55

Trichromacy



Original Color
3F523E

Protanomaly
4B4F3D

Deuteranomaly
504D3F

Tritanomaly
42504D

Monochromacy



Original Color
3F523E

Achromatopsia
4A4A4A

Achromatomaly
464D46

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F523E 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 #3F523E looks like.

```
.text, #text, p{  
    color:#3F523E  
}
```

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 #3F523E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F523E
}
```

Border

The CSS property to change the border of an element to Hex 3F523E is called "border". The border property can be set on classes, ids or directly on the HTML element.

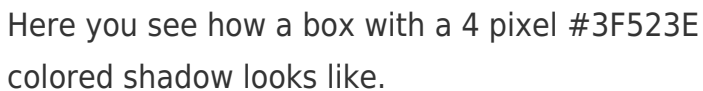
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F523E }
```

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

```
.border{ border-color:#3F523E }
```

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



Here you see how a box with a 4 pixel #3F523E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F523E; -webkit-box-shadow:4px 4px  
4px 4px #3F523E; box-shadow:4px 4px 4px  
4px #3F523E }
```

Background

The CSS property to change the background color of an element to Hex 3F523E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F523E }
```

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

```
.background{ background-color:#3F523E }
```

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