

Converting Colors

Hex(3F5E31)

Have a look what the booklet for
Hex(3F5E31) contains.

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Color

Hex(3F5E31)

Conversions

Conversions Part 1

Format	Color
Hex	3F5E31
RGB	63, 94, 49
RGB Percent	25%, 37%, 19%
CMY	0.7529, 0.6314, 0.8078
CMYK	0.33, 0.00, 0.48, 0.63
HSL	101°, 31%, 28%
HSV	101°, 48%, 37%
XYZ	6.6070, 9.2839, 4.3495
YIQ	79.6010, -4.0310, -20.5670

Conversions

Conversions Part 2

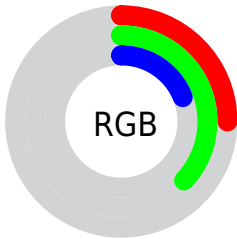
Format	Color
R_{YB}	49, 94, 80
Decimal	4152881
CIE _{Lab}	36.53, -20.82, 22.19
CIE _{LCh}	37, 30.428, 133.168
Yxy	9.2839, 0.3264, 0.4587
Android (android.graphics.Color)	4282342961 (0xFF3F5E31)
YUV	79.6010, -15.0863, -14.5591
Hunter-Lab	30.4695, -14.6159, 12.8651

Details

The Hex color **3F5E31** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **50315E**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **709160**, and **123003** is the 20% darker color. If you saturate the color by 10%, you get **395E28**, and if you desaturate by 10%, it is **455E3A**.

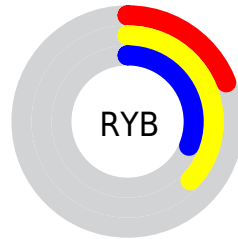
Distribution



Red (25%)

Green (37%)

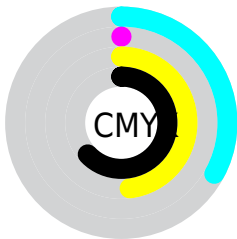
Blue (19%)



Red (19%)

Yellow (37%)

Blue (31%)

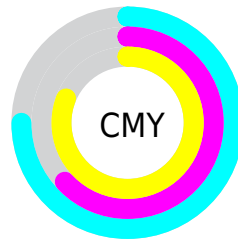


Cyan (33%)

Magenta (0%)

Yellow (48%)

Black (63%)



Cyan (75%)

Magenta (63%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F5E31 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 3F5E31 by changing the saturation by 10% instead.

■ 3F5E31

■ 3F5E31

FFFFFF

■ 28461B

■ 709160

■ 123003

■ 8AAB79

■ 001C00

■ A5C793

■ 000000

■ C0E3AE

■ DCFFC9

■ F9FFE5

■ 3F5E31

■ 3F5E31

■ 395E28

■ 455E3A

■ 325E1E

■ 4C5E44

■ 2C5E15

■ 525E4D

■ 255E0B

■ 595E57

■ 1F5E02

■ 5F5E60

■ 1D5E00

■ 665E69

■ 6C5E73

■ 735E7C

■ 795E86

Harmonies

Analogous

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



5A5825



3F5E31



186147

Triad

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



3F5E31



005C84



84424C

Complementary

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



3F5E31



50315E

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.



7C4365



3F5E31



415585

Square

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



3F5E31



006177



664B7A



7F4736

Rectangle

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



3F5E31



006258



664B7A



834154

Sweetspot

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



3F5E31



6F7A69



5E5031



363D33



BDBDBD



3D3D3D

Same Dimension

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



3F5E31



4A7A35



315E39



2B2E29



226E00



4AED00

Inverse Universe

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



50315E



65357A



5E3156



2C292E



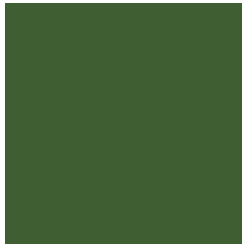
4C006E



A300ED

Previews

White Background



This preview shows how the Hex color 3F5E31 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

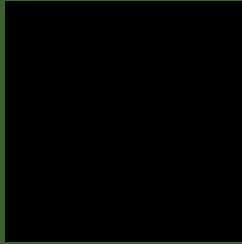
Any Text WCAG AA × Fail

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 3F5E31 Background



This preview shows how black text looks on a background with the Hex color 3F5E31.



This preview shows how white text looks on a background with the Hex color 3F5E31.

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](#).

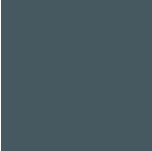
Dichromacy



Original Color
3F5E31

Protanopia
5E562E

Deuteranopia
685234



Tritanopia
475960

Trichromacy



Original Color
3F5E31

Protanomaly
53592F

Deuteranomaly
595633

Tritanomaly
445B4F

Monochromacy



Original Color
3F5E31

Achromatopsia
505050

Achromatomaly
4A5545

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F5E31 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 #3F5E31 looks like.

```
.text, #text, p{  
    color:#3F5E31  
}
```

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 #3F5E31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F5E31
}
```

Border

The CSS property to change the border of an element to Hex 3F5E31 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
#3F5E31 }
```

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

```
.border{ border-color:#3F5E31 }
```

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

Here you see how a box with a 4 pixel #3F5E31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F5E31; -webkit-box-shadow:4px 4px  
4px 4px #3F5E31; box-shadow:4px 4px 4px  
4px #3F5E31 }
```

Background

The CSS property to change the background color of an element to Hex 3F5E31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F5E31 }
```

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

```
.background{ background-color:#3F5E31 }
```

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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