

Converting Colors

Hex(3C5E3B)

Have a look what the booklet for
Hex(3C5E3B) contains.

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Color

Hex(3C5E3B)

Conversions

Conversions Part 1

Format	Color
Hex	3C5E3B
RGB	60, 94, 59
RGB Percent	24%, 37%, 23%
CMY	0.7647, 0.6314, 0.7686
CMYK	0.36, 0.00, 0.37, 0.63
HSL	118°, 23%, 30%
HSV	118°, 37%, 37%
XYZ	6.6556, 9.2818, 5.5785
YIQ	79.8440, -9.0290, -18.0930

Conversions

Conversions Part 2

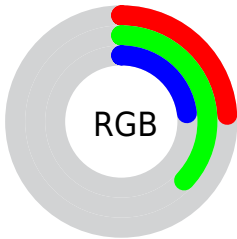
Format	Color
RYB	59, 94, 93
Decimal	3956283
CIELab	36.52, -20.30, 16.27
CIElCh	37, 26.015, 141.280
Yxy	9.2818, 0.3093, 0.4314
Android (android.graphics.Color)	4282146363 (0xFF3C5E3B)
YUV	79.8440, -10.2761, -17.4032
Hunter-Lab	30.4661, -14.3207, 10.4700

Details

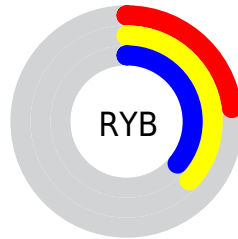
The Hex color **3C5E3B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5D3B5E**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **6D916B**, and **0E3010** is the 20% darker color. If you saturate the color by 10%, you get **335E32**, and if you desaturate by 10%, it is **455E44**.

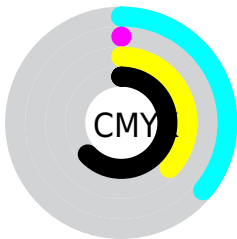
Distribution



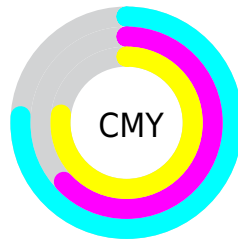
- Red (24%)
- Green (37%)
- Blue (23%)



- Red (23%)
- Yellow (37%)
- Blue (36%)



- Cyan (36%)
- Magenta (0%)
- Yellow (37%)
- Black (63%)



- Cyan (76%)
- Magenta (63%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C5E3B 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 3C5E3B by changing the saturation by 10% instead.



3C5E3B



3C5E3B

FFFFFF



254625



6D916B



0E3010



87AB84



001C00



A1C79E



000000



BCE3B9



D8FFD5



F5FFF1



3C5E3B



3C5E3B



335E32



455E44

■ 2A5E28

■ 4E5E4E

■ 215E1F

■ 575E57

■ 175E15

■ 615E61

■ 0E5E0C

■ 6A5E6A

■ 055E03

■ 735E73

■ 035E00

■ 7C5E7D

■ 855E86

■ 8E5E90

Harmonies

Analogous

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



54592E



3C5E3B



1D604F

Triad

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



3C5E3B



295A7F



7E4648

Complementary

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



3C5E3B



5D3B5E

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.



7A465D



3C5E3B



4F537D

Square

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



3C5E3B



005F76



6A4B70



774B36

Rectangle

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



3C5E3B



00615D



6A4B70



7E454F

Sweetspot

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



3C5E3B



6D7A6D



5E5D3B



353D35



BDBDBD



3D3D3D

Same Dimension

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



3C5E3B



457A43



3B5E4B



292E29



036E00



07ED00

Inverse Universe

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



5D3B5E



79437A



5E3B4E



2E292E



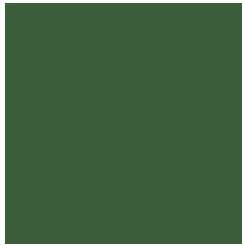
6B006E



E600ED

Previews

White Background



This preview shows how the Hex color 3C5E3B looks on a white background.

Color Contrast Check

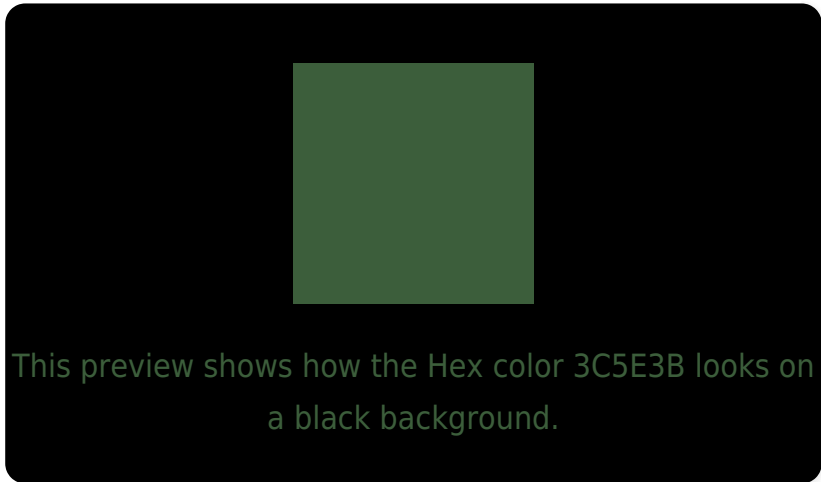
Large Text (above 18pt) WCAG AA ✓ Pass

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

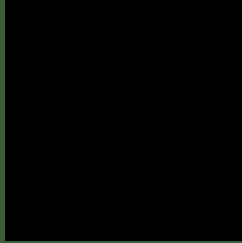
Any Text WCAG AA × Fail

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 3C5E3B Background



This preview shows how black text looks on a background with the Hex color 3C5E3B.



This preview shows how white text looks on a background with the Hex color 3C5E3B.

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](#).

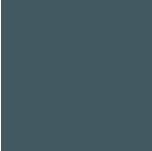
Dichromacy



Original Color
3C5E3B

Protanopia
5D5638

Deuteranopia
66523E



Tritanopia
435961

Trichromacy



Original Color
3C5E3B

Protanomaly
515939

Deuteranomaly
57563D

Tritanomaly
405B53

Monochromacy



Original Color
3C5E3B

Achromatopsia
505050

Achromatomaly
495548

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C5E3B 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 #3C5E3B looks like.

```
.text, #text, p{  
    color:#3C5E3B  
}
```

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 #3C5E3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C5E3B
}
```

Border

The CSS property to change the border of an element to Hex 3C5E3B 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
#3C5E3B }
```

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

```
.border{ border-color:#3C5E3B }
```

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

Here you see how a box with a 4 pixel #3C5E3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C5E3B; -webkit-box-shadow:4px 4px  
4px 4px #3C5E3B; box-shadow:4px 4px 4px  
4px #3C5E3B }
```

Background

The CSS property to change the background color of an element to Hex 3C5E3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C5E3B }
```

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

```
.background{ background-color:#3C5E3B }
```

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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