

Converting Colors

Hex(3D5B37)

Have a look what the booklet for
Hex(3D5B37) contains.

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Color

Hex(3D5B37)

Conversions

Conversions Part 1

Format	Color
Hex	3D5B37
RGB	61, 91, 55
RGB Percent	24%, 36%, 22%
CMY	0.7608, 0.6431, 0.7843
CMYK	0.33, 0.00, 0.40, 0.64
HSL	110°, 25%, 29%
HSV	110°, 40%, 36%
XYZ	6.3551, 8.7501, 4.9684
YIQ	77.9260, -6.3240, -17.5560

Conversions

Conversions Part 2

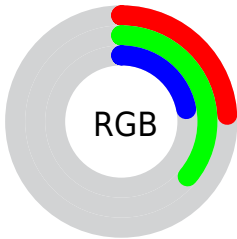
Format	Color
RYB	55, 91, 85
Decimal	4021047
CIELab	35.50, -19.04, 17.32
CIELCh	35, 25.739, 137.702
Yxy	8.7501, 0.3166, 0.4359
Android (android.graphics.Color)	4282211127 (0xFF3D5B37)
YUV	77.9260, -11.3025, -14.8441
Hunter-Lab	29.5806, -13.4168, 10.7479

Details

The Hex color **3D5B37** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **55375B**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **6E8D66**, and **102D0C** is the 20% darker color. If you saturate the color by 10%, you get **355B2E**, and if you desaturate by 10%, it is **455B40**.

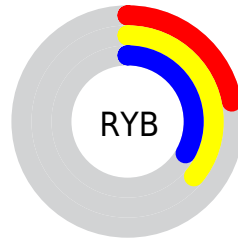
Distribution



Red (24%)

Green (36%)

Blue (22%)



Red (22%)

Yellow (36%)

Blue (33%)

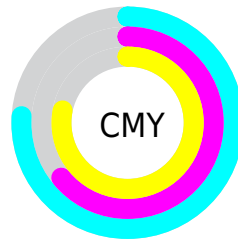


Cyan (33%)

Magenta (0%)

Yellow (40%)

Black (64%)



Cyan (76%)

Magenta (64%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D5B37 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 3D5B37 by changing the saturation by 10% instead.

■ 3D5B37

■ 3D5B37

FFFFFF

■ 264321

■ 6E8D66

■ 102D0C

■ 87A87F

■ 001A00

■ A2C399

■ 000000

■ BDDFB4

■ D9FCD0

■ F6FFEC

■ 3D5B37

■ 3D5B37

■ 355B2E

■ 455B40

■ 2E5B25

■ 4C5B49

■ 265B1C

■ 545B52

■ 1F5B13

■ 5B5B5B

■ 175B09

■ 635B65

■ 0F5B00

■ 6B5B6E

■ 725B77

■ 7A5B80

■ 815B89

Harmonies

Analogous

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



54562B



3D5B37



205E4A

Triad

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



3D5B37



21587B



7B4348

Complementary

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



3D5B37



55375B

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.



76445D



3D5B37



49517B

Square

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



3D5B37



005C71



654A6F



764836

Rectangle

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



3D5B37



005E58



654A6F



7B434F

Sweetspot

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



3D5B37



6A7567



5B5537



343B32



BABABA



3B3B3B

Same Dimension

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



3D5B37



47753E



375B43



2A2E29



126E00



28ED00

Inverse Universe

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



55375B



6C3E75



5B374F



2D292E



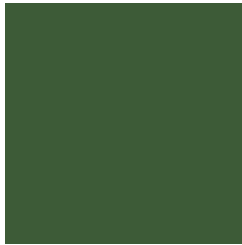
5B006E



C600ED

Previews

White Background



This preview shows how the Hex color 3D5B37 looks on a white background.

Color Contrast Check

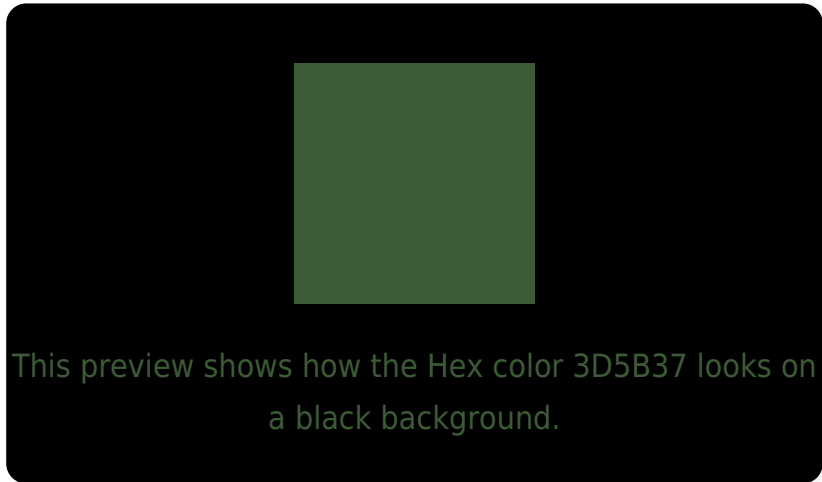
Large Text (above 18pt) WCAG AA ✓ Pass

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

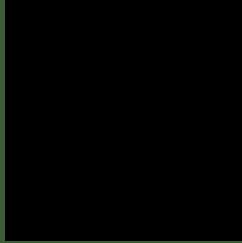
Any Text WCAG AA × Fail

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 3D5B37 Background



This preview shows how black text looks on a background with the Hex color 3D5B37.



This preview shows how white text looks on a background with the Hex color 3D5B37.

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](#).

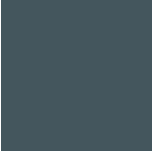
Dichromacy



Original Color
3D5B37

Protanopia
5B5334

Deuteranopia
63503A



Tritanopia
44565D

Trichromacy



Original Color
3D5B37

Protanomaly
505635

Deuteranomaly
555439

Tritanomaly
41584F

Monochromacy



Original Color
3D5B37

Achromatopsia
4E4E4E

Achromatomaly
485346

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D5B37 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 #3D5B37 looks like.

```
.text, #text, p{  
    color:#3D5B37  
}
```

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 #3D5B37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D5B37
}
```

Border

The CSS property to change the border of an element to Hex 3D5B37 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
#3D5B37 }
```

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

```
.border{ border-color:#3D5B37 }
```

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

Here you see how a box with a 4 pixel #3D5B37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D5B37; -webkit-box-shadow:4px 4px  
4px 4px #3D5B37; box-shadow:4px 4px 4px  
4px #3D5B37 }
```

Background

The CSS property to change the background color of an element to Hex 3D5B37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D5B37 }
```

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

```
.background{ background-color:#3D5B37 }
```

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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