

Converting Colors

Hex(3D5C55)

Have a look what the booklet for
Hex(3D5C55) contains.

Hex(3D5C55)	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(3D5C55)

Conversions

Conversions Part 1

Format	Color
Hex	3D5C55
RGB	61, 92, 85
RGB Percent	24%, 36%, 33%
CMY	0.7608, 0.6392, 0.6667
CMYK	0.34, 0.00, 0.08, 0.64
HSL	166°, 20%, 30%
HSV	166°, 34%, 36%
XYZ	7.3913, 9.3023, 10.0003
YIQ	81.9330, -16.2290, -8.7490

Conversions

Conversions Part 2

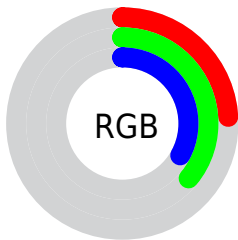
Format	Color
RYB	61, 78, 92
Decimal	4021333
CIELab	36.56, -13.13, 0.38
CIELCh	37, 13.139, 178.324
Yxy	9.3023, 0.2769, 0.3485
Android (android.graphics.Color)	4282211413 (0xFF3D5C55)
YUV	81.9330, 1.5120, -18.3582
Hunter-Lab	30.4996, -10.1165, 1.9096

Details

The Hex color **3D5C55** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5C3D44**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6E8E87**, and **0F2E28** is the 20% darker color. If you saturate the color by 10%, you get **345C53**, and if you desaturate by 10%, it is **465C57**.

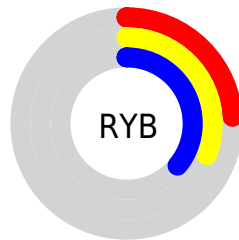
Distribution



Red (24%)

Green (36%)

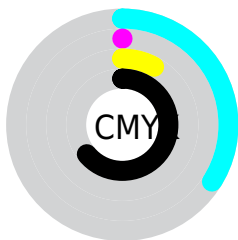
Blue (33%)



Red (24%)

Yellow (31%)

Blue (36%)

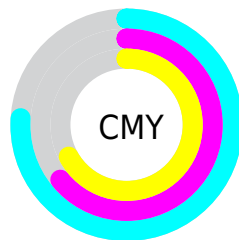


Cyan (34%)

Magenta (0%)

Yellow (8%)

Black (64%)



Cyan (76%)

Magenta (64%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D5C55 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 3D5C55 by changing the saturation by 10% instead.

■ 3D5C55

■ 3D5C55

FFFFFF

■ 26443E

■ 6E8E87

■ 0F2E28

■ 87A9A1

■ 001A14

■ A2C4BC

■ 000000

■ BDE0D7

■ D9DFD4

■ F6FFFF

■ 3D5C55

■ 3D5C55

■ 345C53

■ 465C57

■ 2B5C51

■ 4F5C59

■ 215C4F

■ 595C5B

■ 185C4D

■ 625C5D

■ 0F5C4B

■ 6B5C5F

■ 065C49

■ 745C61

■ 005C47

■ 7D5C64

■ 875C66

■ 905C68

Harmonies

Analogous

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



475B4B



3D5C55



385C60

Triad

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



3D5C55



575469



675244

Complementary

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



3D5C55



5C3D44

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.



6C4F4C



3D5C55



635061

Square

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



3D5C55



49576B



6A4F57



5F5541

Rectangle

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



3D5C55



3A5B65



6A4F57



695147

Sweetspot

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



3D5C55



6C7875



445C3D



363D3C



BDBDBD



3D3D3D

Same Dimension

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



3D5C55



48786D



3D545C



292E2D



006E55



00EDB8

Inverse Universe

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



5C3D44



784853



5C453D



2E292A



6E0019



ED0036

Previews

White Background



This preview shows how the Hex color 3D5C55 looks on a white background.

Color Contrast Check

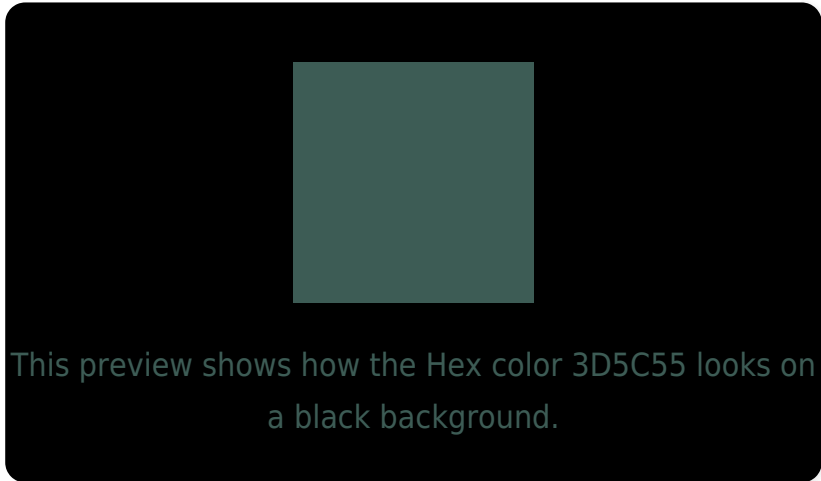
Large Text (above 18pt) WCAG AA ✓ Pass

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

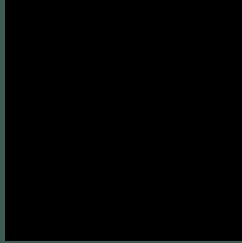
Any Text WCAG AA × Fail

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 3D5C55 Background



This preview shows how black text looks on a background with the Hex color 3D5C55.



This preview shows how white text looks on a background with the Hex color 3D5C55.

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
3D5C55

Protanopia
585551

Deuteranopia
5D5357



Tritanopia
405A61

Trichromacy



Original Color
3D5C55

Protanomaly
4E5852

Deuteranomaly
515656

Tritanomaly
3F5B5D

Monochromacy



Original Color
3D5C55

Achromatopsia
525252

Achromatomaly
4A5653

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D5C55 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 #3D5C55 looks like.

```
.text, #text, p{  
    color:#3D5C55  
}
```

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 #3D5C55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D5C55
}
```

Border

The CSS property to change the border of an element to Hex 3D5C55 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
#3D5C55 }
```

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

```
.border{ border-color:#3D5C55 }
```

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

Here you see how a box with a 4 pixel #3D5C55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D5C55; -webkit-box-shadow:4px 4px  
4px 4px #3D5C55; box-shadow:4px 4px 4px  
4px #3D5C55 }
```

Background

The CSS property to change the background color of an element to Hex 3D5C55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D5C55 }
```

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

```
.background{ background-color:#3D5C55 }
```

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