

Converting Colors

Hex(3D5A53)

Have a look what the booklet for
Hex(3D5A53) contains.

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Color

Hex(3D5A53)

Conversions

Conversions Part 1

Format	Color
Hex	3D5A53
RGB	61, 90, 83
RGB Percent	24%, 35%, 33%
CMY	0.7608, 0.6471, 0.6745
CMYK	0.32, 0.00, 0.08, 0.65
HSL	166°, 19%, 30%
HSV	166°, 32%, 35%
XYZ	7.1420, 8.9290, 9.5307
YIQ	80.5310, -15.0370, -8.3250

Conversions

Conversions Part 2

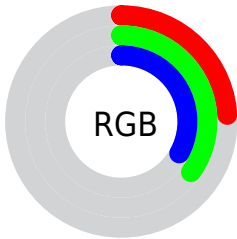
Format	Color
RYB	61, 77, 90
Decimal	4020819
CIELab	35.85, -12.49, 0.59
CIELCh	36, 12.502, 177.292
Yxy	8.9290, 0.2790, 0.3488
Android (android.graphics.Color)	4282210899 (0xFF3D5A53)
YUV	80.5310, 1.2172, -17.1287
Hunter-Lab	29.8814, -9.6290, 2.0064

Details

The Hex color **3D5A53** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5A3D44**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **6E8C84**, and **102C26** is the 20% darker color. If you saturate the color by 10%, you get **345A51**, and if you desaturate by 10%, it is **465A55**.

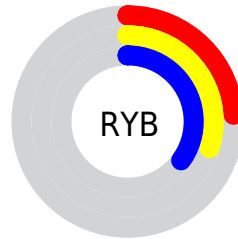
Distribution



Red (24%)

Green (35%)

Blue (33%)



Red (24%)

Yellow (30%)

Blue (35%)

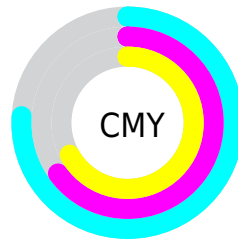


Cyan (32%)

Magenta (0%)

Yellow (8%)

Black (65%)



Cyan (76%)

Magenta (65%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D5A53 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 3D5A53 by changing the saturation by 10% instead.

 3D5A53

 3D5A53

FFFFFF

 26423C

 6E8C84

 102C26

 87A79E

 001812

 A2C2B9

 000000

 BDDDED5

 D9FAF1

 F5FFFF

 3D5A53

 3D5A53

 345A51

 465A55

■ 2B5A4F

■ 4F5A57

■ 225A4C

■ 585A5A

■ 195A4A

■ 615A5C

■ 105A48

■ 6A5A5E

■ 075A46

■ 735A60

■ 005A44

■ 7C5A62

■ 855A64

■ 8E5A67

Harmonies

Analogous

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



475949



3D5A53



395A5D

Triad

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



3D5A53



555266



655044

Complementary

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



3D5A53



5A3D44

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.



694E4C



3D5A53



604F5F

Square

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



3D5A53



475568



684D56



5D5340

Rectangle

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



3D5A53



3A5963



684D56



674F46

Sweetspot

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



3D5A53



6A7572



445A3D



343B39



BABABA



3B3B3B

Same Dimension

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



3D5A53



48756A



3D535A



292E2D



006E53



00EDB4

Inverse Universe

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



5A3D44



754853



5A443D



2E292A



6E001A



ED0039

Previews

White Background



This preview shows how the Hex color 3D5A53 looks on a white background.

Color Contrast Check

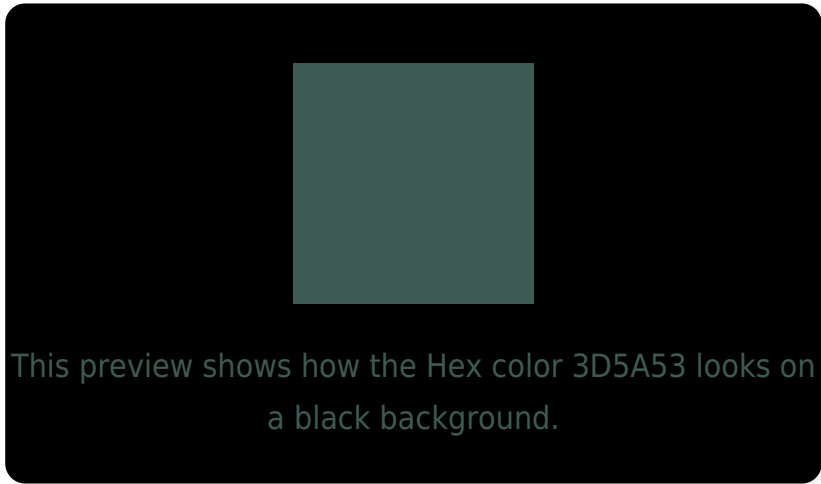
Large Text (above 18pt) WCAG AA ✓ Pass

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

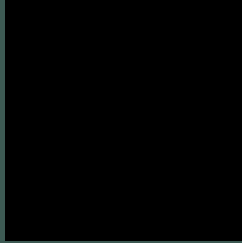
Any Text WCAG AA × Fail

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 3D5A53 Background



This preview shows how black text looks on a background with the Hex color 3D5A53.



This preview shows how white text looks on a background with the Hex color 3D5A53.

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
3D5A53

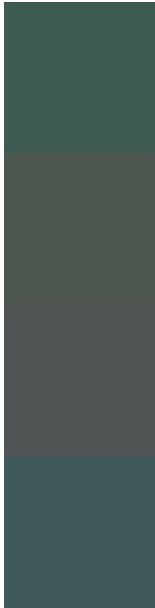
Protanopia
57544F

Deuteranopia
5C5155



Tritanopia
40585F

Trichromacy



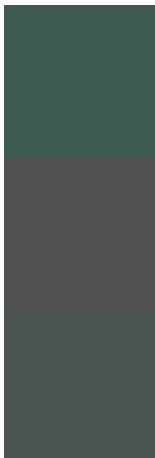
Original Color
3D5A53

Protanomaly
4E5650

Deuteranomaly
515454

Tritanomaly
3F595B

Monochromacy



Original Color
3D5A53

Achromatopsia
515151

Achromatomaly
4A5452

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D5A53 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 #3D5A53 looks like.

```
.text, #text, p{  
    color:#3D5A53  
}
```

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 #3D5A53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D5A53
}
```

Border

The CSS property to change the border of an element to Hex 3D5A53 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
#3D5A53 }
```

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

```
.border{ border-color:#3D5A53 }
```

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

Here you see how a box with a 4 pixel #3D5A53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D5A53; -webkit-box-shadow:4px 4px  
4px 4px #3D5A53; box-shadow:4px 4px 4px  
4px #3D5A53 }
```

Background

The CSS property to change the background color of an element to Hex 3D5A53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D5A53 }
```

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

```
.background{ background-color:#3D5A53 }
```

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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