

Converting Colors

Hex(3D5D58)

Have a look what the booklet for
Hex(3D5D58) contains.

Hex(3D5D58)	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(3D5D58)

Conversions

Conversions Part 1

Format	Color
Hex	3D5D58
RGB	61, 93, 88
RGB Percent	24%, 36%, 35%
CMY	0.7608, 0.6353, 0.6549
CMYK	0.34, 0.00, 0.05, 0.64
HSL	171°, 21%, 30%
HSV	171°, 34%, 36%
XYZ	7.6003, 9.5254, 10.6705
YIQ	82.8620, -17.4670, -8.3390

Conversions

Conversions Part 2

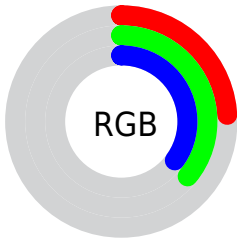
Format	Color
RYB	61, 78, 93
Decimal	4021592
CIELab	36.98, -12.94, -0.87
CIELCh	37, 12.967, 183.845
Yxy	9.5254, 0.2734, 0.3427
Android (android.graphics.Color)	4282211672 (0xFF3D5D58)
YUV	82.8620, 2.5330, -19.1730
Hunter-Lab	30.8632, -10.0538, 1.1056

Details

The Hex color **3D5D58** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5D3D42**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **6E8F8A**, and **0F2F2B** is the 20% darker color. If you saturate the color by 10%, you get **345D57**, and if you desaturate by 10%, it is **465D59**.

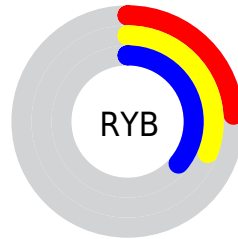
Distribution



Red (24%)

Green (36%)

Blue (35%)



Red (24%)

Yellow (31%)

Blue (36%)

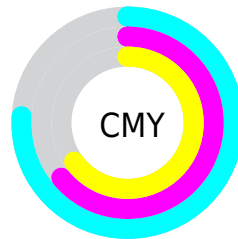


Cyan (34%)

Magenta (0%)

Yellow (5%)

Black (64%)



Cyan (76%)

Magenta (64%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D5D58 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 3D5D58 by changing the saturation by 10% instead.

■ 3D5D58

■ 3D5D58

FFFFFF

■ 264541

■ 6E8F8A

■ 0F2F2B

■ 88AAA4

■ 001B16

■ A2C5BF

■ 000000

■ BDE1DB

■ D9FEF7

■ F6FFFF

■ 3D5D58

■ 3D5D58

■ 345D57

■ 465D59

■ 2A5D55

■ 505D5B

■ 215D54

■ 595D5C

■ 185D52

■ 625D5E

■ 0E5D51

■ 6C5D5F

■ 055D4F

■ 755D61

■ 005D4E

■ 7E5D62

■ 875D64

■ 915D65

Harmonies

Analogous

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



465C4D



3D5D58



3A5C62

Triad

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



3D5D58



5B5468



675345

Complementary

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



3D5D58



5D3D42

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.



6C514C



3D5D58



665160

Square

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



3D5D58



4D576C



6C5056



5E5742

Rectangle

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



3D5D58



3D5B67



6C5056



695247

Sweetspot

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



3D5D58



6C7876



425D3D



363D3C



BDBDBD



3D3D3D

Same Dimension

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



3D5D58



477870



3D525D



292E2D



006E5D



00EDC8

Inverse Universe

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



5D3D42



78474E



5D483D



2E292A



6E0011



ED0025

Previews

White Background



This preview shows how the Hex color 3D5D58 looks on a white background.

Color Contrast Check

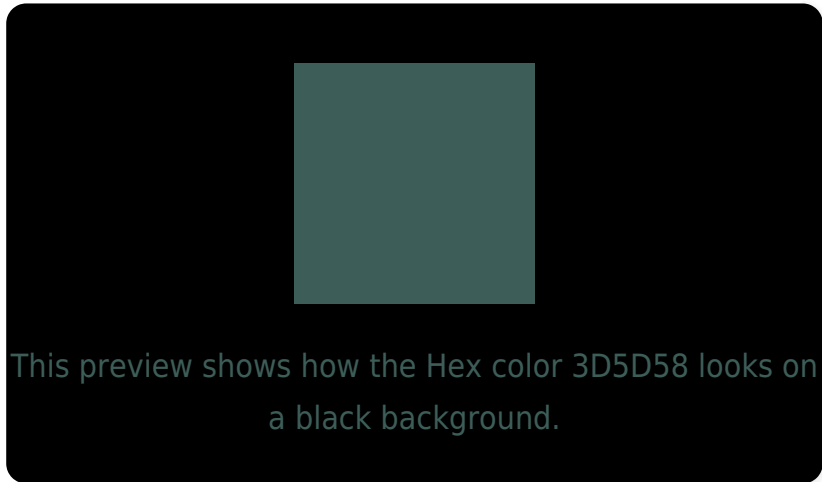
Large Text (above 18pt) WCAG AA ✓ Pass

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

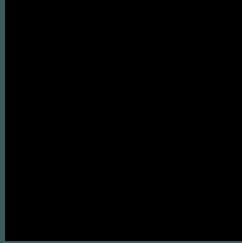
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

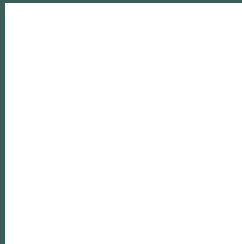
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3D5D58 Background



This preview shows how black text looks on a background with the Hex color 3D5D58.



This preview shows how white text looks on a background with the Hex color 3D5D58.

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
3D5D58

Protanopia
595654

Deuteranopia
5E545A



Tritanopia
405B63

Trichromacy



Original Color
3D5D58

Protanomaly
4F5955

Deuteranomaly
525759

Tritanomaly
3F5C5F

Monochromacy



Original Color
3D5D58

Achromatopsia
535353

Achromatomaly
4B5755

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D5D58 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 #3D5D58 looks like.

```
.text, #text, p{  
    color:#3D5D58  
}
```

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 #3D5D58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D5D58  
}
```

Border

The CSS property to change the border of an element to Hex 3D5D58 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  
#3D5D58 }
```

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

```
.border{ border-color:#3D5D58 }
```

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

Here you see how a box with a 4 pixel #3D5D58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D5D58; -webkit-box-shadow:4px 4px  
4px 4px #3D5D58; box-shadow:4px 4px 4px  
4px #3D5D58 }
```

Background

The CSS property to change the background color of an element to Hex 3D5D58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D5D58 }
```

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

```
.background{ background-color:#3D5D58 }
```

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