

Converting Colors

Hex(3C5D51)

Have a look what the booklet for
Hex(3C5D51) contains.

Hex(3C5D51)	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(3C5D51)

Conversions

Conversions Part 1

Format	Color
Hex	3C5D51
RGB	60, 93, 81
RGB Percent	24%, 36%, 32%
CMY	0.7647, 0.6353, 0.6824
CMYK	0.35, 0.00, 0.13, 0.64
HSL	158°, 22%, 30%
HSV	158°, 35%, 36%
XYZ	7.2630, 9.3834, 9.2130
YIQ	81.7650, -15.8160, -10.7280

Conversions

Conversions Part 2

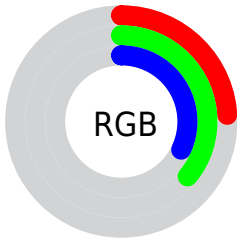
Format	Color
RYB	60, 80, 93
Decimal	3956049
CIELab	36.71, -15.03, 3.08
CIELCh	37, 15.344, 168.420
Yxy	9.3834, 0.2809, 0.3629
Android (android.graphics.Color)	4282146129 (0xFF3C5D51)
YUV	81.7650, -0.3771, -19.0879
Hunter-Lab	30.6324, -11.2838, 3.6107

Details

The Hex color **3C5D51** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5D3C48**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6D8F82**, and **0E2F25** is the 20% darker color. If you saturate the color by 10%, you get **335D4E**, and if you desaturate by 10%, it is **455D54**.

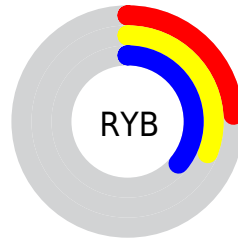
Distribution



Red (24%)

Green (36%)

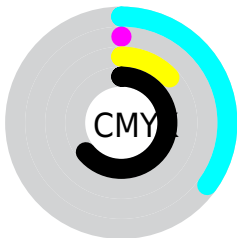
Blue (32%)



Red (24%)

Yellow (31%)

Blue (36%)

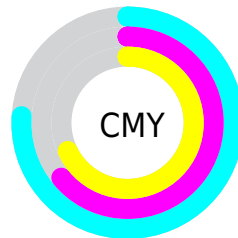


Cyan (35%)

Magenta (0%)

Yellow (13%)

Black (64%)



Cyan (76%)

Magenta (64%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C5D51 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 3C5D51 by changing the saturation by 10% instead.



3C5D51



3C5D51

FFFFFF



25453A



6D8F82



0E2F25



86AA9C



001B0F



A1C5B7



000000



BCE1D3



D8FEEF



F5FFFF



3C5D51



3C5D51



335D4E



455D54

■ 295D4A

■ 4F5D58

■ 205D47

■ 585D5B

■ 175D43

■ 615D5F

■ 0E5D40

■ 6B5D62

■ 045D3D

■ 745D65

■ 005D3B

■ 7D5D69

■ 865D6C

■ 905D6F

Harmonies

Analogous

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



495B46



3C5D51



335D5E

Triad

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



3C5D51



52556E



6C5044

Complementary

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



3C5D51



5D3C48

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.



704E4F



3C5D51



615167

Square

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



3C5D51



41596E



6C4E5C



64543E

Rectangle

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



3C5D51



335D65



6C4E5C



6E4F48

Sweetspot

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



3C5D51



6B7873



485D3C



353D3A



BDBDBD



3D3D3D

Same Dimension

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



3C5D51



447865



3C595D



292E2C



006E46



00ED97

Inverse Universe

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



5D3C48



784457



5D403C



2E292B



6E0028



ED0056

Previews

White Background



This preview shows how the Hex color 3C5D51 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

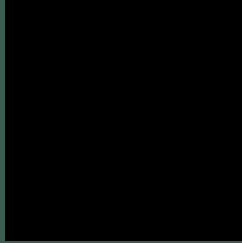
Any Text WCAG AA × Fail

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 3C5D51 Background



This preview shows how black text looks on a background with the Hex color 3C5D51.



This preview shows how white text looks on a background with the Hex color 3C5D51.

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
3C5D51

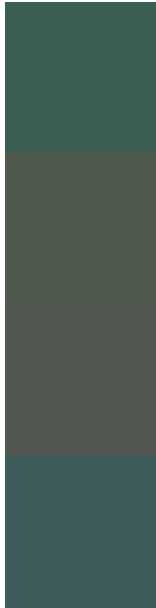
Protanopia
5A564D

Deuteranopia
5F5353



Tritanopia
405B62

Trichromacy



Original Color
3C5D51

Protanomaly
4F594E

Deuteranomaly
525752

Tritanomaly
3F5C5C

Monochromacy



Original Color
3C5D51

Achromatopsia
525252

Achromatomaly
4A5652

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C5D51 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 #3C5D51 looks like.

```
.text, #text, p{  
    color:#3C5D51  
}
```

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 #3C5D51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C5D51
}
```

Border

The CSS property to change the border of an element to Hex 3C5D51 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
#3C5D51 }
```

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

```
.border{ border-color:#3C5D51 }
```

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

Here you see how a box with a 4 pixel #3C5D51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C5D51; -webkit-box-shadow:4px 4px  
4px 4px #3C5D51; box-shadow:4px 4px 4px  
4px #3C5D51 }
```

Background

The CSS property to change the background color of an element to Hex 3C5D51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C5D51 }
```

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

```
.background{ background-color:#3C5D51 }
```

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