

Converting Colors

Hex(3B5C5A)

Have a look what the booklet for
Hex(3B5C5A) contains.

Hex(3B5C5A)	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(3B5C5A)

Conversions

Conversions Part 1

Format	Color
Hex	3B5C5A
RGB	59, 92, 90
RGB Percent	23%, 36%, 35%
CMY	0.7686, 0.6392, 0.6471
CMYK	0.36, 0.00, 0.02, 0.64
HSL	176°, 22%, 30%
HSV	176°, 36%, 36%
XYZ	7.4762, 9.3223, 11.0782
YIQ	81.9050, -19.0260, -7.6180

Conversions

Conversions Part 2

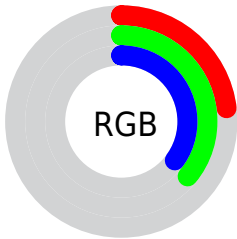
Format	Color
RYB	59, 76, 92
Decimal	3890266
CIELab	36.60, -12.48, -2.68
CIELCh	37, 12.766, 192.132
Yxy	9.3223, 0.2682, 0.3344
Android (android.graphics.Color)	4282080346 (0xFF3B5C5A)
YUV	81.9050, 3.9908, -20.0877
Hunter-Lab	30.5324, -9.7238, -0.1397

Details

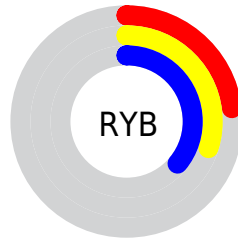
The Hex color **3B5C5A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5C3B3D**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6C8E8C**, and **0C2E2D** is the 20% darker color. If you saturate the color by 10%, you get **325C59**, and if you desaturate by 10%, it is **445C5B**.

Distribution



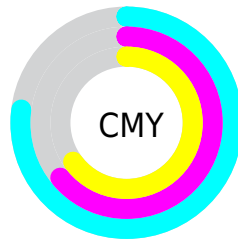
- Red (23%)
- Green (36%)
- Blue (35%)



- Red (23%)
- Yellow (30%)
- Blue (36%)



- Cyan (36%)
- Magenta (0%)
- Yellow (2%)
- Black (64%)



- Cyan (77%)
- Magenta (64%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B5C5A 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 3B5C5A by changing the saturation by 10% instead.

■ 3B5C5A

■ 3B5C5A

FFFFFF

■ 244443

■ 6C8E8C

■ 0C2E2D

■ 86A9A6

■ 001A18

■ A0C4C1

■ 000000

■ BBE0DD

■ D7FDFA

■ F4FFFF

■ 3B5C5A

■ 3B5C5A

■ 325C59

■ 445C5B

■ 295C59

■ 4D5C5B

■ 1F5C58

■ 575C5C

■ 165C58

■ 605C5C

■ 0D5C57

■ 695C5D

■ 045C57

■ 725C5D

■ 005C56

■ 7B5C5E

■ 855C5E

■ 8E5C5F

Harmonies

Analogous

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



435B4F



3B5C5A



3A5B63

Triad

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



3B5C5A



5D5265



645343

Complementary

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



3B5C5A



5C3B3D

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.



6A5049



3B5C5A



67505D

Square

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



3B5C5A



50566A



6B4F52



5A5742

Rectangle

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



3B5C5A



3F5A68



6B4F52



665244

Sweetspot

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



3B5C5A



6B7877



3D5C3B



353D3D



BDBDBD



3D3D3D

Same Dimension

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



3B5C5A



447875



3B4E5C



292E2E



006E67



00EDDF

Inverse Universe

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



5C3B3D



784447



5C493B



2E292A



6E0007



ED000E

Previews

White Background



This preview shows how the Hex color 3B5C5A looks on a white background.

Color Contrast Check

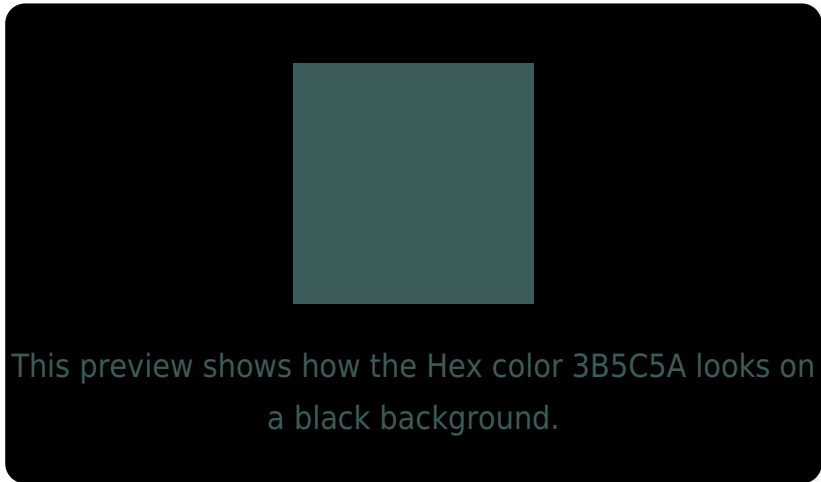
Large Text (above 18pt) WCAG AA ✓ Pass

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

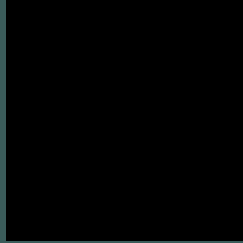
Any Text WCAG AA × Fail

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 3B5C5A Background



This preview shows how black text looks on a background with the Hex color 3B5C5A.



This preview shows how white text looks on a background with the Hex color 3B5C5A.

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
3B5C5A

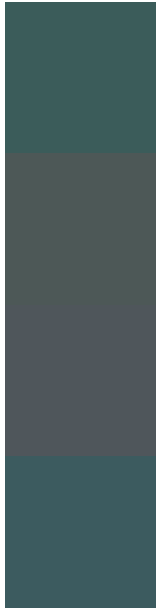
Protanopia
575556

Deuteranopia
5B535C



Tritanopia
3D5B62

Trichromacy



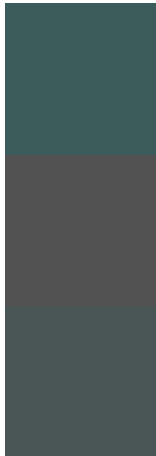
Original Color
3B5C5A

Protanomaly
4D5857

Deuteranomaly
4F565B

Tritanomaly
3C5B5F

Monochromacy



Original Color
3B5C5A

Achromatopsia
525252

Achromatomaly
4A5655

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B5C5A 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 #3B5C5A looks like.

```
.text, #text, p{  
    color:#3B5C5A  
}
```

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 #3B5C5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B5C5A
}
```

Border

The CSS property to change the border of an element to Hex 3B5C5A 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
#3B5C5A }
```

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

```
.border{ border-color:#3B5C5A }
```

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

Here you see how a box with a 4 pixel #3B5C5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B5C5A; -webkit-box-shadow:4px 4px  
4px 4px #3B5C5A; box-shadow:4px 4px 4px  
4px #3B5C5A }
```

Background

The CSS property to change the background color of an element to Hex 3B5C5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B5C5A }
```

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

```
.background{ background-color:#3B5C5A }
```

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