

Converting Colors

Hex(3A5C62)

Have a look what the booklet for
Hex(3A5C62) contains.

Hex(3A5C62)	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(3A5C62)

Conversions

Conversions Part 1

Format	Color
Hex	3A5C62
RGB	58, 92, 98
RGB Percent	23%, 36%, 38%
CMY	0.7725, 0.6392, 0.6157
CMYK	0.41, 0.06, 0.00, 0.62
HSL	189°, 26%, 31%
HSV	189°, 41%, 38%
XYZ	7.7767, 9.4357, 12.9667
YIQ	82.5180, -22.1900, -5.3420

Conversions

Conversions Part 2

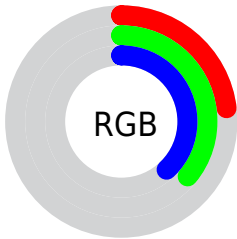
Format	Color
RYB	58, 76, 98
Decimal	3824738
CIELab	36.81, -10.56, -7.35
CIElCh	37, 12.868, 214.813
Yxy	9.4357, 0.2577, 0.3127
Android (android.graphics.Color)	4282014818 (0xFF3A5C62)
YUV	82.5180, 7.6326, -21.5023
Hunter-Lab	30.7175, -8.5654, -3.5256

Details

The Hex color **3A5C62** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **62403A**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6B8E95**, and **092E34** is the 20% darker color. If you saturate the color by 10%, you get **305B62**, and if you desaturate by 10%, it is **445D62**.

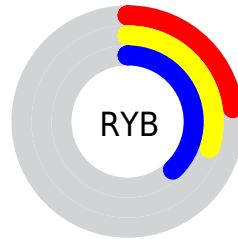
Distribution



Red (23%)

Green (36%)

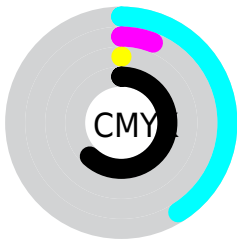
Blue (38%)



Red (23%)

Yellow (30%)

Blue (38%)

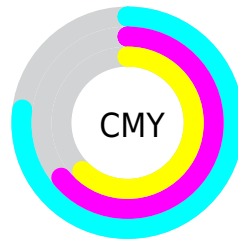


Cyan (41%)

Magenta (6%)

Yellow (0%)

Black (62%)



Cyan (77%)

Magenta (64%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A5C62 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 3A5C62 by changing the saturation by 10% instead.

■ 3A5C62

■ 3A5C62

FFFFFF

■ 22444A

■ 6B8E95

■ 092E34

■ 85A9AF

■ 001A1F

■ A0C4CB

■ 000004

■ BBE0E7

■ 000000

■ D7FDFF

■ F4FFFF

■ 3A5C62

■ 3A5C62

■ 305B62

■ 445D62

■ 265962

■ 4E5F62

■ 1D5862

■ 576062

■ 135662

■ 616262

■ 095562

■ 6B6362

■ 005362

■ 756562

■ 7F6662

■ 886862

■ 926962

Harmonies

Analogous

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



3D5D58



3A5C62



405A69

Triad

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



3A5C62



655060



5D5642

Complementary

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



3A5C62



62403A

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.



665344



3A5C62



6B4F55

Square

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



3A5C62



5B5368



6B504B



515A45

Rectangle

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



3A5C62



48586B



6B504B



605542

Sweetspot

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



3A5C62



707D80



3A6240



373E40



BFBFBF



404040

Same Dimension

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



3A5C62



417680



3A4862



2C3030



005F70



00CCF0

Inverse Universe

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



623A5C



804176



62543A



302C30



70005F



F000CC

Previews

White Background



This preview shows how the Hex color 3A5C62 looks on a white background.

Color Contrast Check

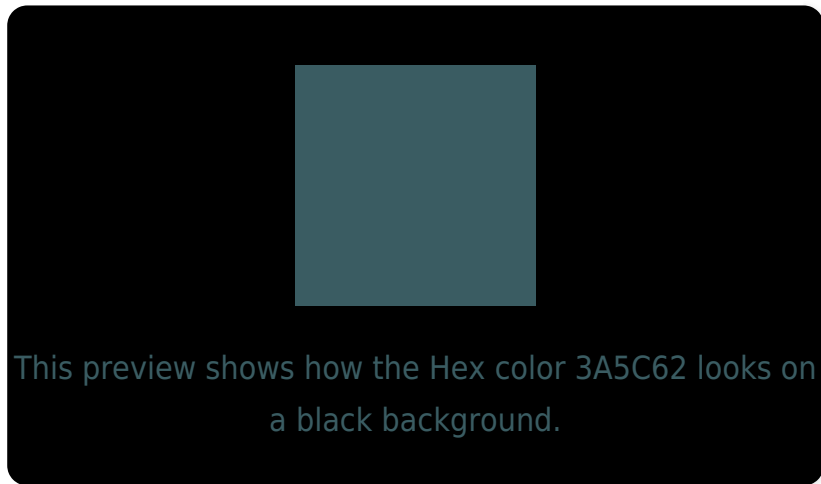
Large Text (above 18pt) WCAG AA ✓ Pass

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

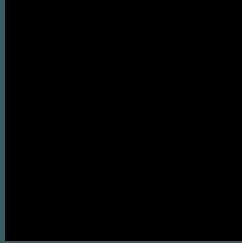
Any Text WCAG AA × Fail

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 3A5C62 Background



This preview shows how black text looks on a background with the Hex color 3A5C62.

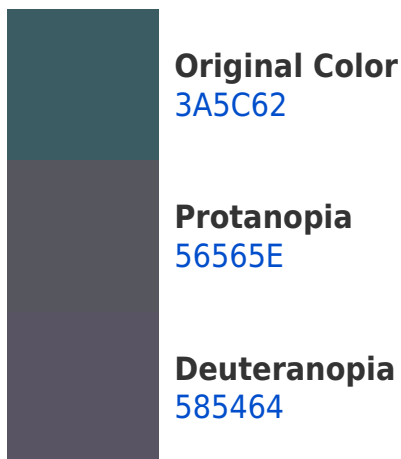



This preview shows how white text looks on a background with the Hex color 3A5C62.

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





Tritanopia
3A5C63

Trichromacy



Original Color
3A5C62

Protanomaly
4C585F

Deuteranomaly
4D5763

Tritanomaly
3A5C63

Monochromacy



Original Color
3A5C62

Achromatopsia
535353

Achromatomaly
4A5658

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A5C62 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 #3A5C62 looks like.

```
.text, #text, p{  
    color:#3A5C62  
}
```

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 #3A5C62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A5C62
}
```

Border

The CSS property to change the border of an element to Hex 3A5C62 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
#3A5C62 }
```

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

```
.border{ border-color:#3A5C62 }
```

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

Here you see how a box with a 4 pixel #3A5C62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A5C62; -webkit-box-shadow:4px 4px  
4px 4px #3A5C62; box-shadow:4px 4px 4px  
4px #3A5C62 }
```

Background

The CSS property to change the background color of an element to Hex 3A5C62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A5C62 }
```

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

```
.background{ background-color:#3A5C62 }
```

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