

Converting Colors

Hex(3A5B58)

Have a look what the booklet for
Hex(3A5B58) contains.

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Color

Hex(3A5B58)

Conversions

Conversions Part 1

Format	Color
Hex	3A5B58
RGB	58, 91, 88
RGB Percent	23%, 36%, 35%
CMY	0.7725, 0.6431, 0.6549
CMYK	0.36, 0.00, 0.03, 0.64
HSL	175°, 22%, 29%
HSV	175°, 36%, 36%
XYZ	7.2475, 9.0863, 10.6044
YIQ	80.7910, -18.7050, -7.9290

Conversions

Conversions Part 2

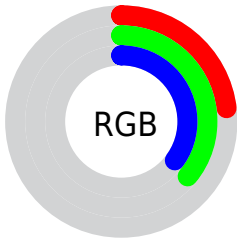
Format	Color
RYB	58, 75, 91
Decimal	3824472
CIELab	36.15, -12.76, -2.10
CIELCh	36, 12.932, 189.364
Yxy	9.0863, 0.2690, 0.3373
Android (android.graphics.Color)	4282014552 (0xFF3A5B58)
YUV	80.7910, 3.5540, -19.9877
Hunter-Lab	30.1435, -9.8340, 0.2424

Details

The Hex color **3A5B58** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5B3A3D**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **6B8D8A**, and **0B2D2B** is the 20% darker color. If you saturate the color by 10%, you get **315B57**, and if you desaturate by 10%, it is **435B59**.

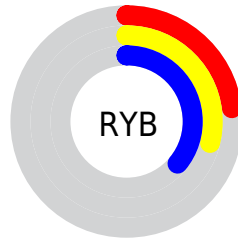
Distribution



Red (23%)

Green (36%)

Blue (35%)



Red (23%)

Yellow (29%)

Blue (36%)

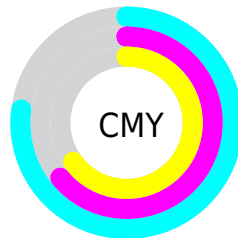


Cyan (36%)

Magenta (0%)

Yellow (3%)

Black (64%)



Cyan (77%)

Magenta (64%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A5B58 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 3A5B58 by changing the saturation by 10% instead.



3A5B58



3A5B58

FFFFFF



234341



6B8D8A



0B2D2B



84A8A4



001916



9FC3BF



000000



BADFDDB



D6FCF7



F3FFFF



3A5B58



3A5B58



315B57



435B59

■ 285B56

■ 4C5B5A

■ 1F5B56

■ 555B5A

■ 165B55

■ 5E5B5B

■ 0C5B54

■ 685B5C

■ 035B53

■ 715B5D

■ 005B53

■ 7A5B5E

■ 835B5F

■ 8C5B5F

Harmonies

Analogous

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



425A4D



3A5B58



395A62

Triad

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



3A5B58



5B5165



635242

Complementary

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



3A5B58



5B3A3D

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.



694F48



3A5B58



654F5D

Square

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



3A5B58



4D5569



6A4E52



5A5541

Rectangle

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



3A5B58



3D5967



6A4E52



665144

Sweetspot

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



3A5B58



687574



3D5B3A



333B3A



BABABA



3B3B3B

Same Dimension

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



3A5B58



427571



3A4E5B



292E2D



006E64



00EDD8

Inverse Universe

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



5B3A3D



754246



5B473A



2E292A



6E000A



ED0016

Previews

White Background



This preview shows how the Hex color 3A5B58 looks on a white background.

Color Contrast Check

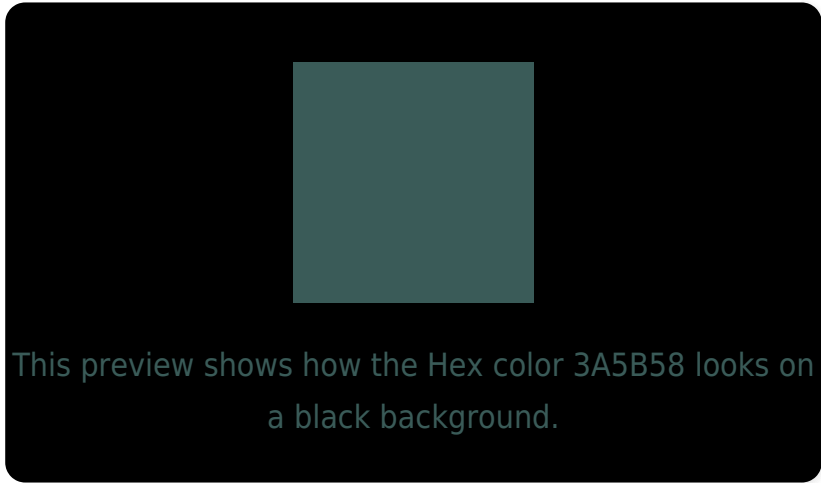
Large Text (above 18pt) WCAG AA ✓ Pass

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

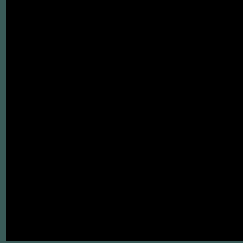
Any Text WCAG AA × Fail

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 3A5B58 Background



This preview shows how black text looks on a background with the Hex color 3A5B58.

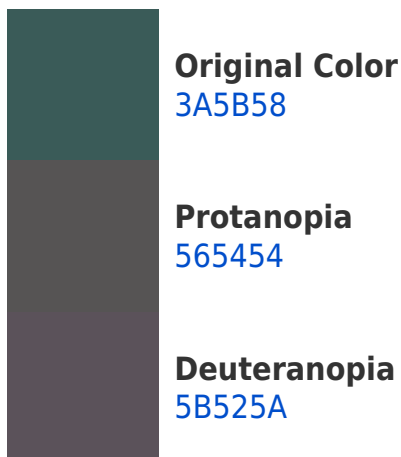


This preview shows how white text looks on a background with the Hex color 3A5B58.

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](#).

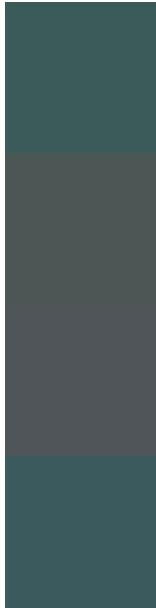
Dichromacy





Tritanopia
3C5A61

Trichromacy



Original Color
3A5B58

Protanomaly
4C5755

Deuteranomaly
4F5559

Tritanomaly
3B5A5E

Monochromacy



Original Color
3A5B58

Achromatopsia
515151

Achromatomaly
495554

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A5B58 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 #3A5B58 looks like.

```
.text, #text, p{  
    color:#3A5B58  
}
```

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 #3A5B58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A5B58
}
```

Border

The CSS property to change the border of an element to Hex 3A5B58 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
#3A5B58 }
```

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

```
.border{ border-color:#3A5B58 }
```

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

Here you see how a box with a 4 pixel #3A5B58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A5B58; -webkit-box-shadow:4px 4px  
4px 4px #3A5B58; box-shadow:4px 4px 4px  
4px #3A5B58 }
```

Background

The CSS property to change the background color of an element to Hex 3A5B58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A5B58 }
```

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

```
.background{ background-color:#3A5B58 }
```

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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