

Converting Colors

Hex(3A5874)

Have a look what the booklet for
Hex(3A5874) contains.

Hex(3A5874)	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(3A5874)

Conversions

Conversions Part 1

Format	Color
Hex	3A5874
RGB	58, 88, 116
RGB Percent	23%, 35%, 45%
CMY	0.7725, 0.6549, 0.5451
CMYK	0.50, 0.24, 0.00, 0.55
HSL	209°, 33%, 34%
HSV	209°, 50%, 45%
XYZ	8.3870, 9.1399, 17.8451
YIQ	82.2220, -26.8680, 2.3480

Conversions

Conversions Part 2

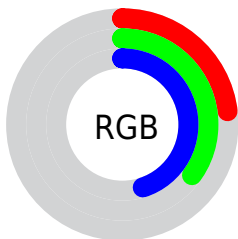
Format	Color
RYB	58, 78, 116
Decimal	3823732
CIELab	36.25, -2.62, -19.36
CIELCh	36, 19.537, 262.279
Yxy	9.1399, 0.2371, 0.2584
Android (android.graphics.Color)	4282013812 (0xFF3A5874)
YUV	82.2220, 16.6526, -21.2427
Hunter-Lab	30.2323, -3.3873, -13.8343

Details


The Hex color **3A5874** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **74563A**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6D8AA8**, and **032B44** is the 20% darker color. If you saturate the color by 10%, you get **2E5274**, and if you desaturate by 10%, it is **465E74**.

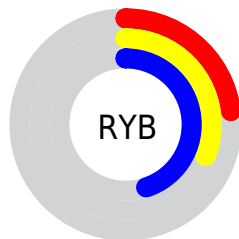
Distribution



 Red (23%)

 Green (35%)

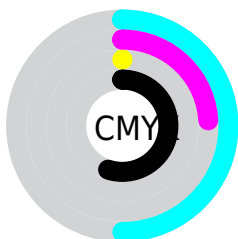
 Blue (45%)





 Red (23%)

 Yellow (31%)

 Blue (45%)

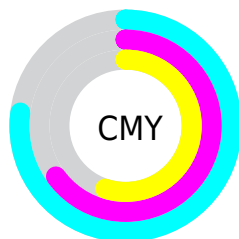


 Cyan (50%)


 Magenta (24%)

 Yellow (0%)

 Black (55%)



 Cyan (77%)

 Magenta (65%)

 Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A5874 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 3A5874 by changing the saturation by 10% instead.



3A5874



3A5874

FFFFFF



21415B



6D8AA8



032B44



87A4C3



00172D



A2BFDF



000119



BDDBFC



000000



DAF7FF



F6FFFF



3A5874



3A5874



2E5274



465E74

■ 234D74

■ 516374

■ 174774

■ 5D6974

■ 0C4274

■ 686E74

■ 003C74

■ 747474

■ 807A74

■ 8B7F74

■ 978574

■ A28A74

Harmonies

Analogous

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



255C6E



3A5874



525372

Triad

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



3A5874



744A4A



425C42

Complementary

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



3A5874



74563A

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.



545838



3A5874



6F4E3D

Square

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



3A5874



714A5A



645336



305E51

Rectangle

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



3A5874



5F4F6D



645336



485B3E

Sweetspot

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



3A5874



808C96



3A7455



3F464D



CCCCCC



4D4D4D

Same Dimension

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



3A5874



3C6B96



3A3C74



35383B



003F7A



0081FA

Inverse Universe

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



743A58



963C6B



74723A



3B3538



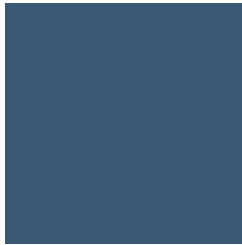
7A003F



FA0081

Previews

White Background



This preview shows how the Hex color 3A5874 looks on a white background.

Color Contrast Check

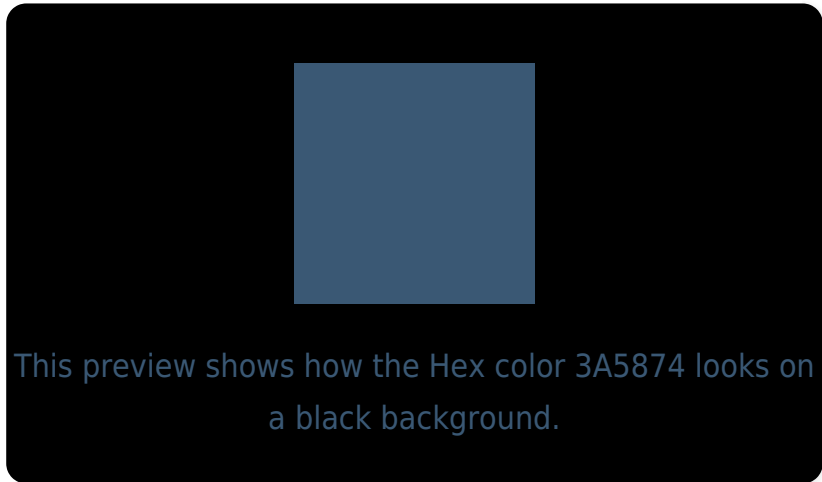
Large Text (above 18pt) WCAG AA ✓ Pass

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

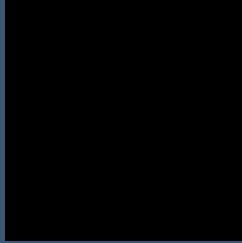
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

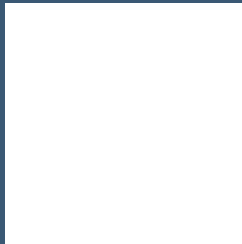
Any Text WCAG AAA × Fail

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

Hex 3A5874 Background



This preview shows how black text looks on a background with the Hex color 3A5874.

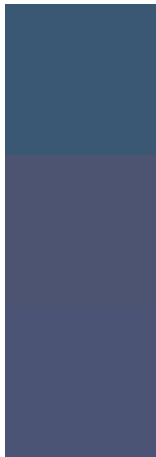


This preview shows how white text looks on a background with the Hex color 3A5874.

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
3A5874

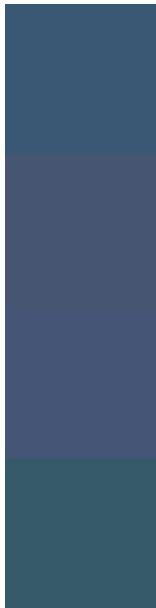
Protanopia
4D5471

Deuteranopia
4B5475



Tritanopia
345B63

Trichromacy



Original Color
3A5874

Protanomaly
465572

Deuteranomaly
455575

Tritanomaly
365A69

Monochromacy



Original Color
3A5874

Achromatopsia
525252

Achromatomaly
49545E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A5874 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 #3A5874 looks like.

```
.text, #text, p{  
    color:#3A5874  
}
```

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 #3A5874 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A5874
}
```

Border

The CSS property to change the border of an element to Hex 3A5874 is called "border". The border property can be set on classes, ids or directly on the HTML element.

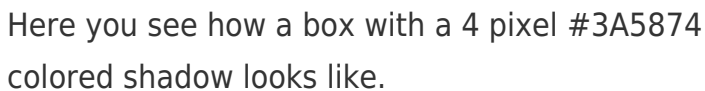
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A5874 }
```

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

```
.border{ border-color:#3A5874 }
```

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



Here you see how a box with a 4 pixel #3A5874 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A5874; -webkit-box-shadow:4px 4px  
4px 4px #3A5874; box-shadow:4px 4px 4px  
4px #3A5874 }
```

Background

The CSS property to change the background color of an element to Hex 3A5874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A5874 }
```

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

```
.background{ background-color:#3A5874 }
```

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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