

Converting Colors

Hex(3A5E74)

Have a look what the booklet for
Hex(3A5E74) contains.

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Color

Hex(3A5E74)

Conversions

Conversions Part 1

Format	Color
Hex	3A5E74
RGB	58, 94, 116
RGB Percent	23%, 37%, 45%
CMY	0.7725, 0.6314, 0.5451
CMYK	0.50, 0.19, 0.00, 0.55
HSL	203°, 33%, 34%
HSV	203°, 50%, 45%
XYZ	8.9000, 10.1659, 18.0161
YIQ	85.7440, -28.5180, -0.7900

Conversions

Conversions Part 2

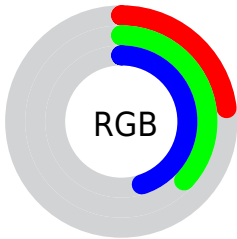
Format	Color
RYB	58, 80, 116
Decimal	3825268
CIELab	38.14, -6.31, -16.46
CIELCh	38, 17.623, 249.033
Yxy	10.1659, 0.2400, 0.2741
Android (android.graphics.Color)	4282015348 (0xFF3A5E74)
YUV	85.7440, 14.9162, -24.3315
Hunter-Lab	31.8840, -5.9710, -11.1831

Details

The Hex color **3A5E74** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **74503A**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **6D90A8**, and **023044** is the 20% darker color. If you saturate the color by 10%, you get **2E5A74**, and if you desaturate by 10%, it is **466274**.

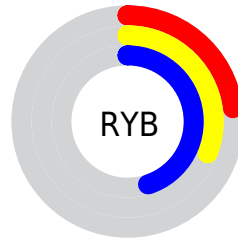
Distribution



 Red (23%)

 Green (37%)

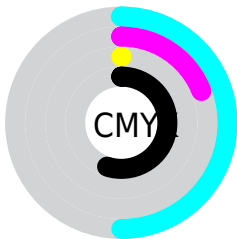
 Blue (45%)




 Red (23%)

 Yellow (31%)

 Blue (45%)

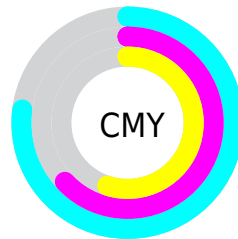


 Cyan (50%)

 Magenta (19%)

 Yellow (0%)

 Black (55%)



 Cyan (77%)

 Magenta (63%)

 Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A5E74 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 3A5E74 by changing the saturation by 10% instead.



3A5E74



3A5E74

FFFFFF



21465B



6D90A8



023044



87ABC3



001B2D



A2C6DF



000119



BEE2FC



000000



DAFFFF



F7FFFF



3A5E74



3A5E74



2E5A74



466274

■ 235574

■ 516774

■ 175174

■ 5D6B74

■ 0C4C74

■ 687074

■ 004874

■ 747474

■ 807874

■ 8B7D74

■ 978174

■ A28674

Harmonies

Analogous

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



2E616B



3A5E74



4E5A76

Triad

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



3A5E74



764F56



505E43

Complementary

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



3A5E74



74503A

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.



605A3E



3A5E74



755148

Square

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



3A5E74



705164



6D553F



3F614F

Rectangle

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



3A5E74



5B5673



6D553F



555D41

Sweetspot

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



3A5E74



808E96



3A744F



3F474D



CCCCCC



4D4D4D

Same Dimension

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



3A5E74



3C7496



3A4274



35383B



004C7A



009BFA

Inverse Universe

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



743A5E



963C74



746C3A



3B3538



7A004C



FA009B

Previews

White Background



This preview shows how the Hex color 3A5E74 looks on a white background.

Color Contrast Check

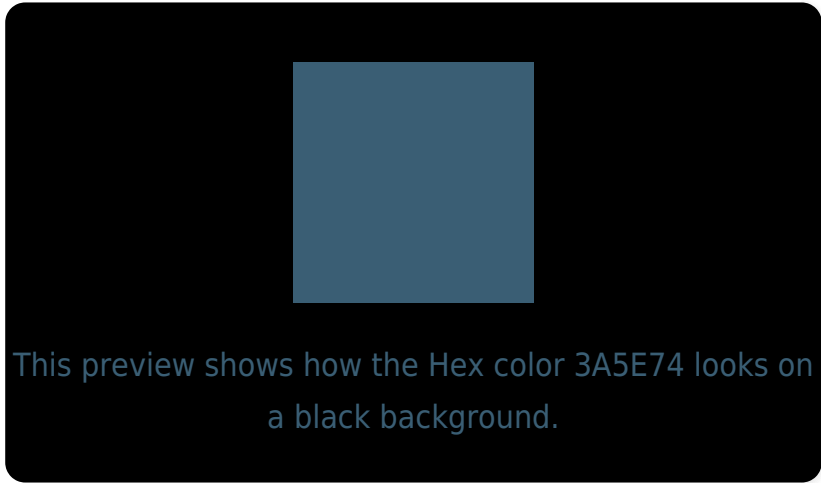
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

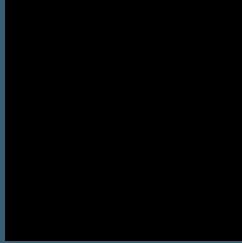
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

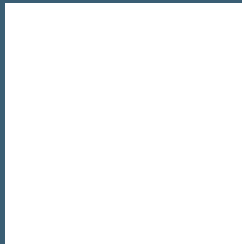
Any Text WCAG AAA × Fail

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

Hex 3A5E74 Background



This preview shows how black text looks on a background with the Hex color 3A5E74.

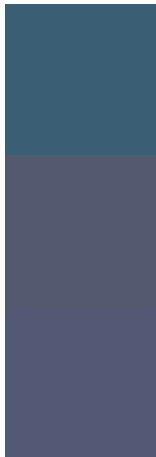


This preview shows how white text looks on a background with the Hex color 3A5E74.

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
3A5E74

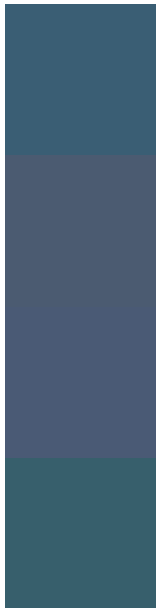
Protanopia
545970

Deuteranopia
535875



Tritanopia
366068

Trichromacy



Original Color
3A5E74

Protanomaly
4B5B71

Deuteranomaly
4A5A75

Tritanomaly
375F6C

Monochromacy



Original Color
3A5E74

Achromatopsia
565656

Achromatomaly
4C5961

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A5E74 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 #3A5E74 looks like.

```
.text, #text, p{  
    color:#3A5E74  
}
```

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 #3A5E74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A5E74
}
```

Border

The CSS property to change the border of an element to Hex 3A5E74 is called "border". The border property can be set on classes, ids or directly on the HTML element.

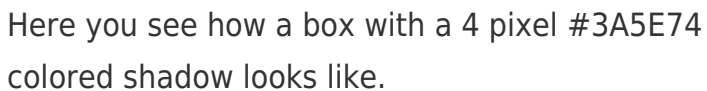
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A5E74 }
```

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

```
.border{ border-color:#3A5E74 }
```

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



Here you see how a box with a 4 pixel #3A5E74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A5E74; -webkit-box-shadow:4px 4px  
4px 4px #3A5E74; box-shadow:4px 4px 4px  
4px #3A5E74 }
```

Background

The CSS property to change the background color of an element to Hex 3A5E74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A5E74 }
```

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

```
.background{ background-color:#3A5E74 }
```

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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