

Converting Colors

Hex(3B5E78)

Have a look what the booklet for
Hex(3B5E78) contains.

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Color

Hex(3B5E78)

Conversions

Conversions Part 1

Format	Color
Hex	3B5E78
RGB	59, 94, 120
RGB Percent	23%, 37%, 47%
CMY	0.7686, 0.6314, 0.5294
CMYK	0.51, 0.22, 0.00, 0.53
HSL	206°, 34%, 35%
HSV	206°, 51%, 47%
XYZ	9.1965, 10.2913, 19.2710
YIQ	86.4990, -29.2060, 0.6660

Conversions

Conversions Part 2

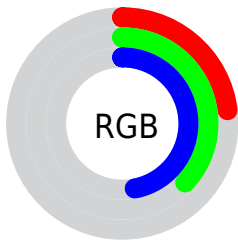
Format	Color
RYB	59, 81, 120
Decimal	3890808
CIELab	38.36, -4.77, -18.57
CIELCh	38, 19.169, 255.598
Yxy	10.2913, 0.2373, 0.2655
Android (android.graphics.Color)	4282080888 (0xFF3B5E78)
YUV	86.4990, 16.5160, -24.1166
Hunter-Lab	32.0800, -4.9688, -13.1605

Details

The Hex color **3B5E78** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **78553B**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **6E90AC**, and **023047** is the 20% darker color. If you saturate the color by 10%, you get **2F5978**, and if you desaturate by 10%, it is **476378**.

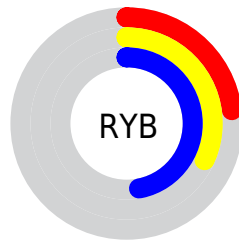
Distribution



Red (23%)

Green (37%)

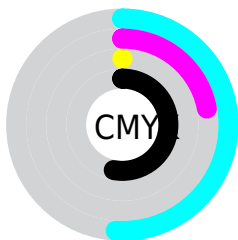
Blue (47%)



Red (23%)

Yellow (32%)

Blue (47%)

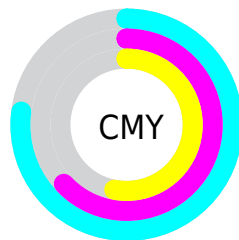


Cyan (51%)

Magenta (22%)

Yellow (0%)

Black (53%)



Cyan (77%)

Magenta (63%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B5E78 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 3B5E78 by changing the saturation by 10% instead.



3B5E78



3B5E78

FFFFFF



21465F



6E90AC



023047



88ABC8



001B31



A4C6E4



00021C



BFE2FF



000000



DCFFFF



F8FFFF



3B5E78



3B5E78



2F5978



476378

■ 235478

■ 536878

■ 174F78

■ 5F6D78

■ 0B4A78

■ 6B7278

■ 004578

■ 777878

■ 837D78

■ 8F8278

■ 9B8778

■ A78C78

Harmonies

Analogous

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



2A6170



3B5E78



525978

Triad

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



3B5E78



794F53



4B6044

Complementary

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



3B5E78



78553B

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.



5D5C3C



3B5E78



765245

Square

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



3B5E78



745062



6C573C



396252

Rectangle

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



3B5E78



605574



6C573C



515F41

Sweetspot

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



3B5E78



84929C



3B7854



41494F



CFCFCF



4F4F4F

Same Dimension

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



3B5E78



3D739C



3B4078



373B3D



00487D



0091FC

Inverse Universe

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



783B5E



9C3D73



78733B



3D373B



7D0048



FC0091

Previews

White Background



This preview shows how the Hex color 3B5E78 looks on a white background.

Color Contrast Check

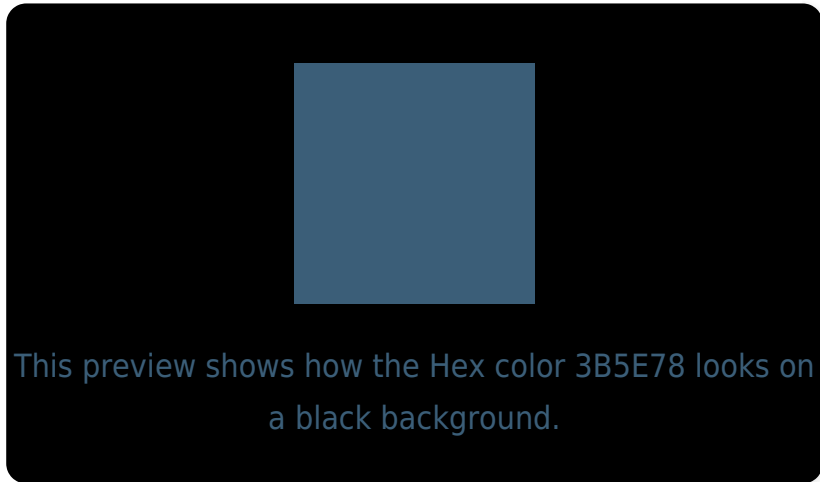
Large Text (above 18pt) WCAG AA ✓ Pass

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

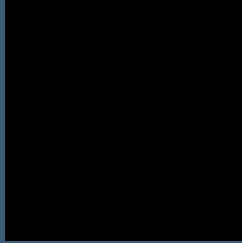
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

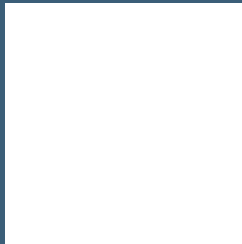
Any Text WCAG AAA × Fail

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

Hex 3B5E78 Background



This preview shows how black text looks on a background with the Hex color 3B5E78.



This preview shows how white text looks on a background with the Hex color 3B5E78.

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](#).

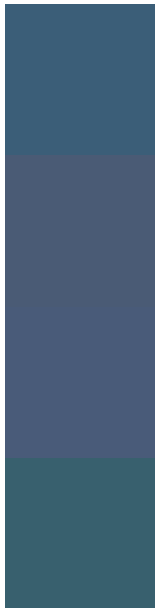
Dichromacy





Tritanopia
366169

Trichromacy



Original Color
3B5E78

Protanomaly
4A5B75

Deuteranomaly
495B79

Tritanomaly
38606E

Monochromacy



Original Color
3B5E78

Achromatopsia
565656

Achromatomaly
4C5962

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B5E78 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 #3B5E78 looks like.

```
.text, #text, p{  
    color:#3B5E78  
}
```

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 #3B5E78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B5E78  
}
```

Border

The CSS property to change the border of an element to Hex 3B5E78 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  
#3B5E78 }
```

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

```
.border{ border-color:#3B5E78 }
```

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

Here you see how a box with a 4 pixel #3B5E78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B5E78; -webkit-box-shadow:4px 4px  
4px 4px #3B5E78; box-shadow:4px 4px 4px  
4px #3B5E78 }
```

Background

The CSS property to change the background color of an element to Hex 3B5E78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B5E78 }
```

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

```
.background{ background-color:#3B5E78 }
```

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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