

Converting Colors

Hex(3C5E8F)

Have a look what the booklet for
Hex(3C5E8F) contains.

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Color

Hex(3C5E8F)

Conversions

Conversions Part 1

Format	Color
Hex	3C5E8F
RGB	60, 94, 143
RGB Percent	24%, 37%, 56%
CMY	0.7647, 0.6314, 0.4392
CMYK	0.58, 0.34, 0.00, 0.44
HSL	215°, 41%, 40%
HSV	215°, 58%, 56%
XYZ	10.8241, 10.9492, 27.5295
YIQ	89.4200, -35.9930, 8.0310

Conversions

Conversions Part 2

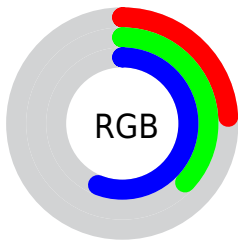
Format	Color
R _{YB}	60, 84, 143
Decimal	3956367
CIE Lab	39.49, 3.15, -30.79
CIE LCh	39, 30.947, 275.851
Yxy	10.9492, 0.2195, 0.2221
Android (android.graphics.Color)	4282146447 (0xFF3C5E8F)
YUV	89.4200, 26.4149, -25.8013
Hunter-Lab	33.0896, 0.4831, -26.1647

Details

The Hex color **3C5E8F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8F6D3C**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **7290C5**, and **00305C** is the 20% darker color. If you saturate the color by 10%, you get **2E568F**, and if you desaturate by 10%, it is **4A668F**.

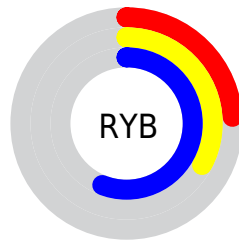
Distribution



Red (24%)

Green (37%)

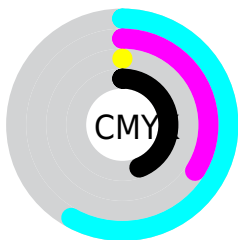
Blue (56%)



Red (24%)

Yellow (33%)

Blue (56%)

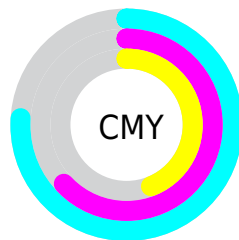


Cyan (58%)

Magenta (34%)

Yellow (0%)

Black (44%)



Cyan (76%)

Magenta (63%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C5E8F 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 3C5E8F by changing the saturation by 10% instead.

■ 3C5E8F

■ 3C5E8F

FFFFFF

■ 1F4775

■ 7290C5

■ 00305C

■ 8DABE1

■ 001C44

■ A8C6FE

■ 00032E

■ C5E2FF

■ 000118

■ E1FEFF

■ 000000

■ 3C5E8F

■ 3C5E8F

■ 2E568F

■ 4A668F

■ 1F4D8F

■ 596F8F

■ 11458F

■ 67778F

■ 033C8F

■ 75808F

■ 003B8F

■ 84888F

■ 92918F

■ A0998F

■ AEA28F

■ BDAA8F

Harmonies

Analogous

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



00658B



3C5E8F



665586

Triad

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



3C5E8F



8A4C41



2B6848

Complementary

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



3C5E8F



8F6D3C

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.



4D6433



3C5E8F



7D542F

Square

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



3C5E8F



8C4859



685D29



006A61

Rectangle

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



3C5E8F



794E7A



685D29



386740

Sweetspot

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



3C5E8F



9BA7BA



3C8F6C



4B535E



DEDEDE



5E5E5E

Same Dimension

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



3C5E8F



386DBA



433C8F



404347



003787



000308

Inverse Universe

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



8F3C5E



BA386D



888F3C



474043



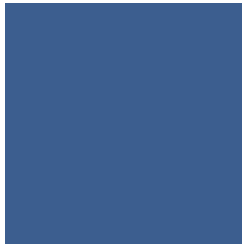
870037



080003

Previews

White Background



This preview shows how the Hex color 3C5E8F looks on a white background.

Color Contrast Check

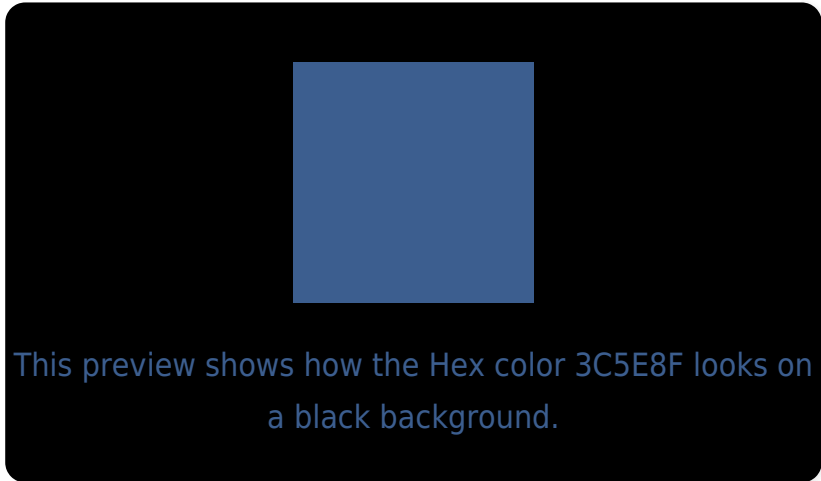
Large Text (above 18pt) WCAG AA ✓ Pass

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 3C5E8F Background



This preview shows how black text looks on a background with the Hex color 3C5E8F.



This preview shows how white text looks on a background with the Hex color 3C5E8F.

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
3C5E8F

Protanopia
4B5B8D

Deuteranopia
435D8F



Tritanopia
2E656D

Trichromacy



Original Color
3C5E8F

Protanomaly
465C8E

Deuteranomaly
405D8F

Tritanomaly
336279

Monochromacy



Original Color
3C5E8F

Achromatopsia
595959

Achromatomaly
4E5B6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C5E8F 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 #3C5E8F looks like.

```
.text, #text, p{  
    color:#3C5E8F  
}
```

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 #3C5E8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C5E8F
}
```

Border

The CSS property to change the border of an element to Hex 3C5E8F 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
#3C5E8F }
```

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

```
.border{ border-color:#3C5E8F }
```

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

Here you see how a box with a 4 pixel #3C5E8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C5E8F; -webkit-box-shadow:4px 4px  
4px 4px #3C5E8F; box-shadow:4px 4px 4px  
4px #3C5E8F }
```

Background

The CSS property to change the background color of an element to Hex 3C5E8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C5E8F }
```

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

```
.background{ background-color:#3C5E8F }
```

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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