

Converting Colors

Hex(3C4E8F)

Have a look what the booklet for
Hex(3C4E8F) contains.

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Color

Hex(3C4E8F)

Conversions

Conversions Part 1

Format	Color
Hex	3C4E8F
RGB	60, 78, 143
RGB Percent	24%, 31%, 56%
CMY	0.7647, 0.6941, 0.4392
CMYK	0.58, 0.45, 0.00, 0.44
HSL	227°, 41%, 40%
HSV	227°, 58%, 56%
XYZ	9.5458, 8.3926, 27.1034
YIQ	80.0280, -31.5930, 16.3990

Conversions

Conversions Part 2

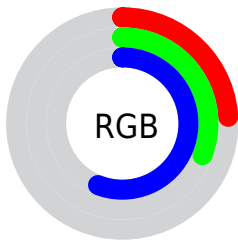
Format	Color
R_{YB}	60, 75, 143
Decimal	3952271
CIE _{Lab}	34.79, 13.50, -38.25
CIE _{LCh}	35, 40.559, 289.444
Yxy	8.3926, 0.2119, 0.1863
Android (android.graphics.Color)	4282142351 (0xFF3C4E8F)
YUV	80.0280, 31.0452, -17.5646
Hunter-Lab	28.9700, 8.1194, -35.1909

Details

The Hex color **3C4E8F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **8F7D3C**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **727FC5**, and **00225C** is the 20% darker color. If you saturate the color by 10%, you get **2E438F**, and if you desaturate by 10%, it is **4A598F**.

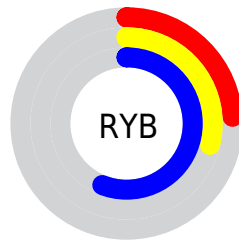
Distribution



Red (24%)

Green (31%)

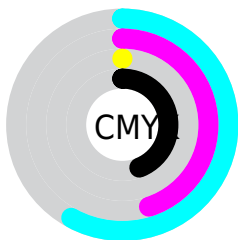
Blue (56%)



Red (24%)

Yellow (29%)

Blue (56%)

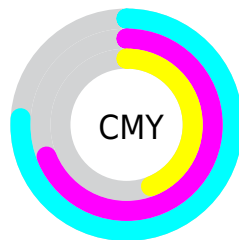


Cyan (58%)

Magenta (45%)

Yellow (0%)

Black (44%)



Cyan (76%)

Magenta (69%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C4E8F 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 3C4E8F by changing the saturation by 10% instead.

■ 3C4E8F

■ 3C4E8F

FFFFFF

■ 1F3775

■ 727FC5

■ 00225C

■ 8D99E1

■ 000D44

■ A9B3FE

■ 00032D

■ C5CFFF

■ 000118

■ E2EBFF

■ 000000

■ 3C4E8F

■ 3C4E8F

■ 2E438F

■ 4A598F

■ 1F388F

■ 59648F

■ 112C8F

■ 67708F

■ 03218F

■ 757B8F

■ 001F8F

■ 84868F

■ 92918F

■ A09C8F

■ AEA88F

■ BDB38F

Harmonies

Analogous

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



005991



3C4E8F



6D407C

Triad

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



3C4E8F



823F21



006045

Complementary

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



3C4E8F



8F7D3C

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.



265D25



3C4E8F



6C4C0B

Square

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



3C4E8F



8C343E



4E570C



006166

Rectangle

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



3C4E8F



803769



4E570C



00603A

Sweetspot

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



3C4E8F



9BA1BA



3C8F7C



4B505E



DEDEDE



5E5E5E

Same Dimension

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



3C4E8F



3854BA



523C8F



404247



001D87



000208

Inverse Universe

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



8F3C4E



BA3854



798F3C



474042



87001D



080002

Previews

White Background



This preview shows how the Hex color 3C4E8F looks on a white background.

Color Contrast Check

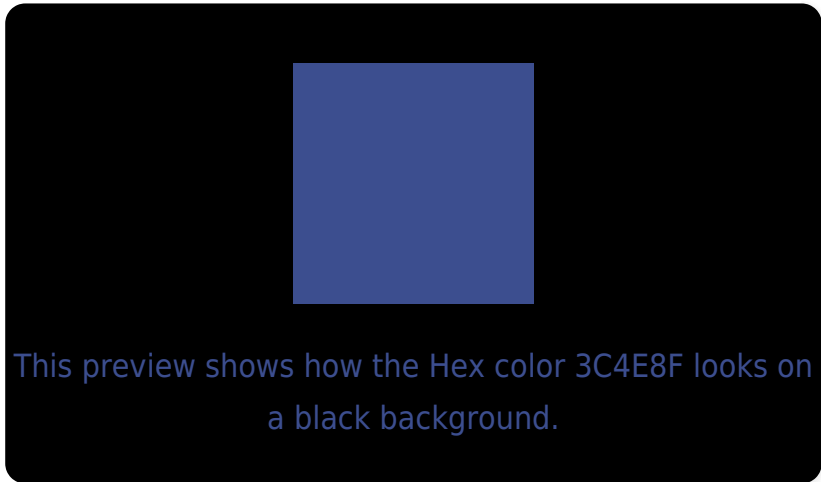
Large Text (above 18pt) WCAG AA ✓ Pass

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 3C4E8F Background



This preview shows how black text looks on a background with the Hex color 3C4E8F.



This preview shows how white text looks on a background with the Hex color 3C4E8F.

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](#).

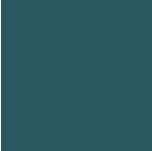
Dichromacy



Original Color
3C4E8F

Protanopia
334F90

Deuteranopia
21538E



Tritanopia
285960

Trichromacy



Original Color
3C4E8F

Protanomaly
364F90

Deuteranomaly
2B518E

Tritanomaly
2F5571

Monochromacy



Original Color
3C4E8F

Achromatopsia
505050

Achromatomaly
494F67

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C4E8F 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 #3C4E8F looks like.

```
.text, #text, p{  
    color:#3C4E8F  
}
```

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 #3C4E8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C4E8F
}
```

Border

The CSS property to change the border of an element to Hex 3C4E8F is called "border". The border property can be set on classes, ids or directly on the HTML element.

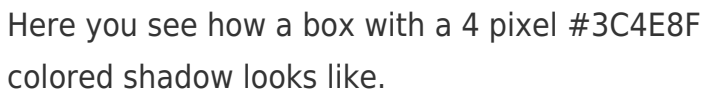
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C4E8F }
```

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

```
.border{ border-color:#3C4E8F }
```

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



Here you see how a box with a 4 pixel #3C4E8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C4E8F; -webkit-box-shadow:4px 4px  
4px 4px #3C4E8F; box-shadow:4px 4px 4px  
4px #3C4E8F }
```

Background

The CSS property to change the background color of an element to Hex 3C4E8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C4E8F }
```

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

```
.background{ background-color:#3C4E8F }
```

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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