

Converting Colors

Hex(3E4F88)

Have a look what the booklet for
Hex(3E4F88) contains.

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Color

Hex(3E4F88)

Conversions

Conversions Part 1

Format	Color
Hex	3E4F88
RGB	62, 79, 136
RGB Percent	24%, 31%, 53%
CMY	0.7569, 0.6902, 0.4667
CMYK	0.54, 0.42, 0.00, 0.47
HSL	226°, 37%, 39%
HSV	226°, 54%, 53%
XYZ	9.2265, 8.3937, 24.4264
YIQ	80.4150, -28.4290, 14.1230

Conversions

Conversions Part 2

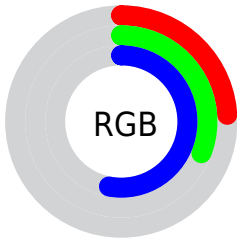
Format	Color
RYB	62, 76, 136
Decimal	4083592
CIELab	34.79, 10.87, -33.96
CIElCh	35, 35.654, 287.754
Yxy	8.3937, 0.2194, 0.1996
Android (android.graphics.Color)	4282273672 (0xFF3E4F88)
YUV	80.4150, 27.4034, -16.1500
Hunter-Lab	28.9718, 6.1453, -29.7076

Details

The Hex color **3E4F88** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **88773E**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **7380BE**, and **002356** is the 20% darker color. If you saturate the color by 10%, you get **304588**, and if you desaturate by 10%, it is **4C5988**.

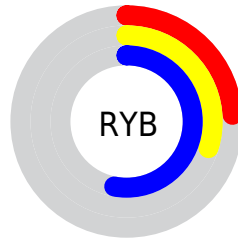
Distribution



Red (24%)

Green (31%)

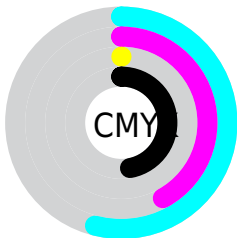
Blue (53%)



Red (24%)

Yellow (30%)

Blue (53%)

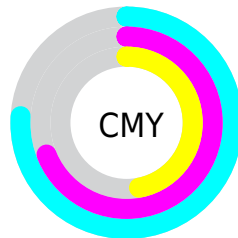


Cyan (54%)

Magenta (42%)

Yellow (0%)

Black (47%)



Cyan (76%)

Magenta (69%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E4F88 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 3E4F88 by changing the saturation by 10% instead.



3E4F88



3E4F88

FFFFFF



23386E



7380BE



002356



8E9ADA



000E3E



A9B4F6



000328



C5D0FF



000111



E2ECFF



000000



3E4F88



3E4F88



304588



4C5988



233A88



596488

■ 153088

■ 676E88

■ 082588

■ 747988

■ 001F88

■ 828388

■ 908E88

■ 9D9888

■ ABA388

■ B8AD88

Harmonies

Analogous

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



005889



3E4F88



694378

Triad

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



3E4F88



7E4129



005F45

Complementary

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



3E4F88



88773E

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.



305C2A



3E4F88



6B4C18

Square

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



3E4F88



863942



515618



006062

Rectangle

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



3E4F88



7A3C68



515618



065E3B

Sweetspot

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



3E4F88



949AB0



3E8877



484C59



D9D9D9



595959

Same Dimension

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



3E4F88



3E58B0



523E88



3E4045



001E85



000105

Inverse Universe

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



883E4F



B03E58



74883E



453E40



85001E



050001

Previews

White Background



This preview shows how the Hex color 3E4F88 looks on a white background.

Color Contrast Check

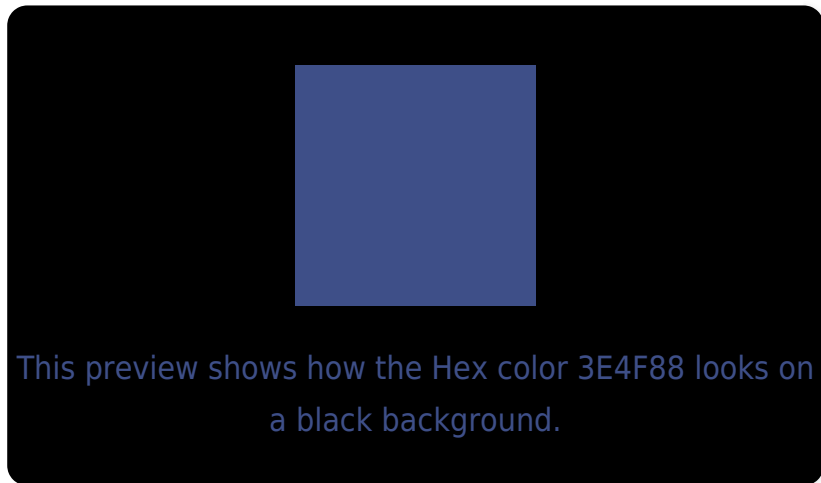
Large Text (above 18pt) WCAG AA ✓ Pass

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

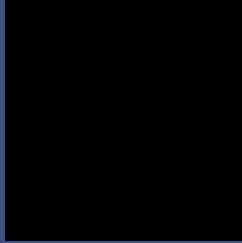
Any Text WCAG AA × Fail

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 3E4F88 Background



This preview shows how black text looks on a background with the Hex color 3E4F88.



This preview shows how white text looks on a background with the Hex color 3E4F88.

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](#).

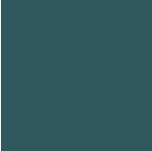
Dichromacy



Original Color
3E4F88

Protanopia
3A5089

Deuteranopia
2F5287



Tritanopia
2F585F

Trichromacy



Original Color
3E4F88

Protanomaly
3B5089

Deuteranomaly
345187

Tritanomaly
34556E

Monochromacy



Original Color
3E4F88

Achromatopsia
505050

Achromatomaly
495064

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E4F88 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 #3E4F88 looks like.

```
.text, #text, p{  
    color:#3E4F88  
}
```

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 #3E4F88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E4F88
}
```

Border

The CSS property to change the border of an element to Hex 3E4F88 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
#3E4F88 }
```

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

```
.border{ border-color:#3E4F88 }
```

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

Here you see how a box with a 4 pixel #3E4F88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E4F88; -webkit-box-shadow:4px 4px  
4px 4px #3E4F88; box-shadow:4px 4px 4px  
4px #3E4F88 }
```

Background

The CSS property to change the background color of an element to Hex 3E4F88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E4F88 }
```

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

```
.background{ background-color:#3E4F88 }
```

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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