

Converting Colors

Hex(3E4880)

Have a look what the booklet for
Hex(3E4880) contains.

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Color

Hex(3E4880)

Conversions

Conversions Part 1

Format	Color
Hex	3E4880
RGB	62, 72, 128
RGB Percent	24%, 28%, 50%
CMY	0.7569, 0.7176, 0.4980
CMYK	0.52, 0.44, 0.00, 0.50
HSL	231°, 35%, 37%
HSV	231°, 52%, 50%
XYZ	8.2003, 7.2174, 21.3830
YIQ	75.3940, -23.9360, 15.2960

Conversions

Conversions Part 2

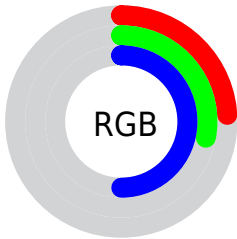
Format	Color
RYB	62, 71, 128
Decimal	4081792
CIELab	32.30, 12.76, -32.98
CIElCh	32, 35.364, 291.151
Yxy	7.2174, 0.2228, 0.1961
Android (android.graphics.Color)	4282271872 (0xFF3E4880)
YUV	75.3940, 25.9348, -11.7465
Hunter-Lab	26.8652, 7.4708, -28.3854

Details

The Hex color **3E4880** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **80763E**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7278B5**, and **031D4E** is the 20% darker color. If you saturate the color by 10%, you get **313D80**, and if you desaturate by 10%, it is **4B5380**.

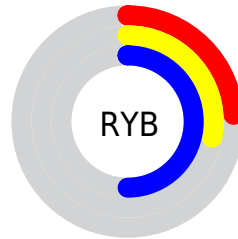
Distribution



Red (24%)

Green (28%)

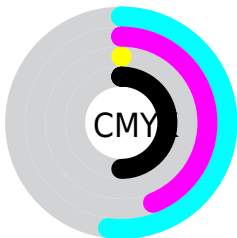
Blue (50%)



Red (24%)

Yellow (28%)

Blue (50%)

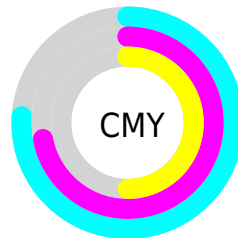


Cyan (52%)

Magenta (44%)

Yellow (0%)

Black (50%)



Cyan (76%)

Magenta (72%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E4880 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 3E4880 by changing the saturation by 10% instead.

■ 3E4880

■ 3E4880

FFFFFF

■ 243267

■ 7278B5

■ 031D4E

■ 8D92D1

■ 000337

■ A8ACED

■ 000221

■ C4C8FF

■ 000006

■ E0E4FF

■ 000000

FDFFFF

■ 3E4880

■ 3E4880

■ 313D80

■ 4B5380

■ 243280

■ 585E80

■ 182780

■ 646980

■ 0B1D80

■ 717380

■ 001380

■ 7E7E80

■ 8B8980

■ 989480

■ A49F80

■ B1AA80

Harmonies

Analogous

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



005183



3E4880



663C6F

Triad

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



3E4880



753D21



005943

Complementary

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



3E4880



80763E

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.



255627



3E4880



624811

Square

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



3E4880



7F343A



485013



00595F

Rectangle

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



3E4880



75355F



485013



005839

Sweetspot

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



3E4880



8D91A6



3E8075



454754



D4D4D4



545454

Same Dimension

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



3E4880



3F4FA6



543E80



393A40



001380



000000

Inverse Universe

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



803E48



A63F4F



6A803E



40393A



800013



000000

Previews

White Background



This preview shows how the Hex color 3E4880 looks on a white background.

Color Contrast Check

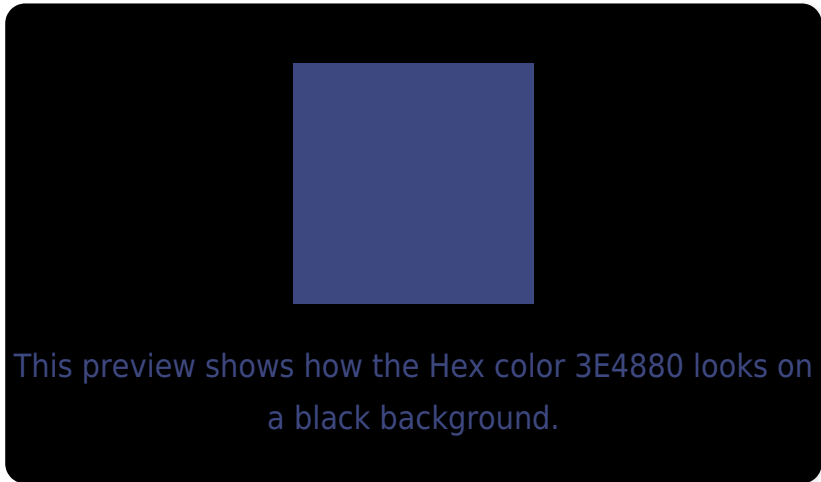
Large Text (above 18pt) WCAG AA ✓ Pass

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

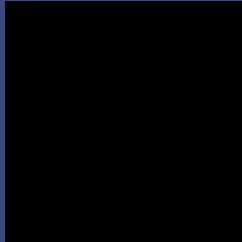
Any Text WCAG AA × Fail

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 3E4880 Background



This preview shows how black text looks on a background with the Hex color 3E4880.



This preview shows how white text looks on a background with the Hex color 3E4880.

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

3E4880

Protanopia

344A82

Deuteranopia

294C7F



Tritanopia
315158

Trichromacy



Original Color

3E4880

Protanomaly

384981

Deuteranomaly

314B7F

Tritanomaly

364E67

Monochromacy



Original Color

3E4880

Achromatopsia

4B4B4B

Achromatomaly

464A5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E4880 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 #3E4880 looks like.

```
.text, #text, p{  
    color:#3E4880  
}
```

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 #3E4880 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E4880
}
```

Border

The CSS property to change the border of an element to Hex 3E4880 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
#3E4880 }
```

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

```
.border{ border-color:#3E4880 }
```

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

Here you see how a box with a 4 pixel #3E4880 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E4880; -webkit-box-shadow:4px 4px  
4px 4px #3E4880; box-shadow:4px 4px 4px  
4px #3E4880 }
```

Background

The CSS property to change the background color of an element to Hex 3E4880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E4880 }
```

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

```
.background{ background-color:#3E4880 }
```

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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