

Converting Colors

Hex(3E3585)

Have a look what the booklet for
Hex(3E3585) contains.

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Color

Hex(3E3585)

Conversions

Conversions Part 1

Format	Color
Hex	3E3585
RGB	62, 53, 133
RGB Percent	24%, 21%, 52%
CMY	0.7569, 0.7922, 0.4784
CMYK	0.53, 0.60, 0.00, 0.48
HSL	247°, 43%, 36%
HSV	247°, 60%, 52%
XYZ	7.4933, 5.2638, 22.8114
YIQ	64.8110, -20.3160, 26.7880

Conversions

Conversions Part 2

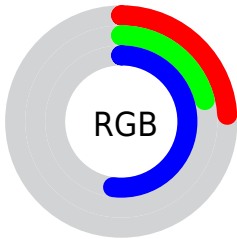
Format	Color
RYB	62, 53, 133
Decimal	4076933
CIELab	27.47, 27.01, -43.83
CIELCh	27, 51.484, 301.643
Yxy	5.2638, 0.2107, 0.1480
Android (android.graphics.Color)	4282267013 (0xFF3E3585)
YUV	64.8110, 33.6172, -2.4652
Hunter-Lab	22.9430, 18.1493, -42.8899

Details


The Hex color **3E3585** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **7C8535**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **7464BB**, and **000B52** is the 20% darker color. If you saturate the color by 10%, you get **322885**, and if you desaturate by 10%, it is **4A4285**.

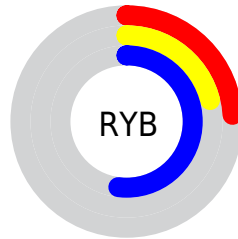
Distribution



 Red (24%)

 Green (21%)

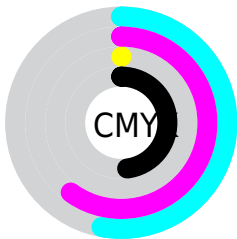
 Blue (52%)





 Red (24%)

 Yellow (21%)

 Blue (52%)

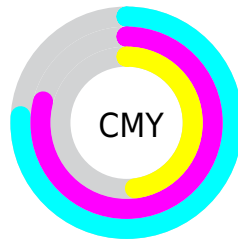


 Cyan (53%)

 Magenta (60%)

 Yellow (0%)

 Black (48%)



 Cyan (76%)

 Magenta (79%)

 Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E3585 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 3E3585 by changing the saturation by 10% instead.

■ 3E3585

■ 3E3585

FFFFFF

■ 221F6B

■ 7464BB

■ 000B52

■ 8F7DD7

■ 00003B

■ AA97F4

■ 000224

■ C7B2FF

■ 00000C

■ E4CDFF

■ 000000

■ FFEAFF

■ 3E3585

■ 3E3585

■ 322885

■ 4A4285

■ 261A85

■ 565085

■ 1B0D85

■ 615D85

■ 0F0085

■ 6D6A85

■ 797885

■ 858585

■ 919285

■ 9C9F85

■ A8AD85

Harmonies

Analogous

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



004691



3E3585



701C67

Triad

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



3E3585



6D2F00



005142

Complementary

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



3E3585



7C8535

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.



004F18



3E3585



4F4000

Square

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



3E3585



80171A



264A00



00516A

Rectangle

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



3E3585



80074E



264A00



005134

Sweetspot

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



3E3585



928EAD



357D85



464457



D6D6D6



575757

Same Dimension

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



3E3585



3F31AD



653585



3C3C42



0F0082



000003

Inverse Universe

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



85357C



AD319F



558535



423C42



820073



030002

Previews

White Background



This preview shows how the Hex color 3E3585 looks on a white background.

Color Contrast Check

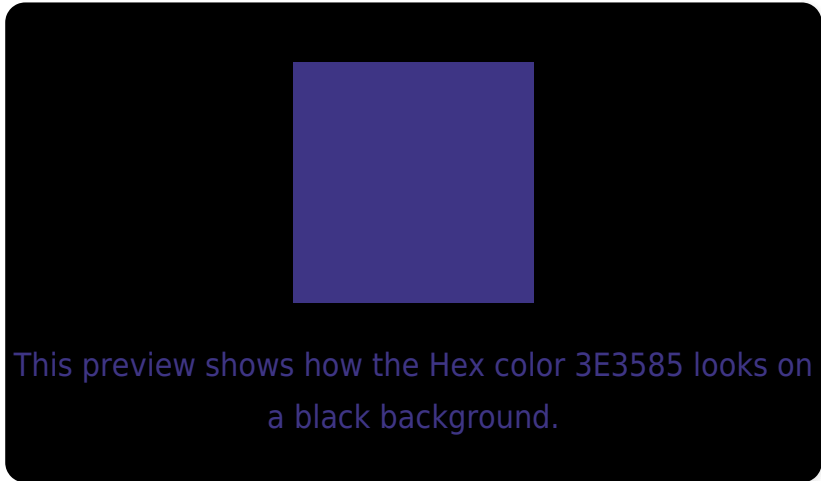
Large Text (above 18pt) WCAG AA ✓ Pass

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

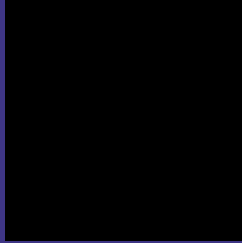
Any Text WCAG AA × Fail

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 3E3585 Background



This preview shows how black text looks on a background with the Hex color 3E3585.



This preview shows how white text looks on a background with the Hex color 3E3585.

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
3E3585

Protanopia
003F85

Deuteranopia
004373



Tritanopia
2A454B

Trichromacy



Original Color
3E3585

Protanomaly
173B85

Deuteranomaly
173E7A

Tritanomaly
313F60

Monochromacy



Original Color
3E3585

Achromatopsia
414141

Achromatomaly
403D5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E3585 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 #3E3585 looks like.

```
.text, #text, p{  
    color:#3E3585  
}
```

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 #3E3585 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E3585
}
```

Border

The CSS property to change the border of an element to Hex 3E3585 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
#3E3585 }
```

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

```
.border{ border-color:#3E3585 }
```

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

Here you see how a box with a 4 pixel #3E3585 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E3585; -webkit-box-shadow:4px 4px  
4px 4px #3E3585; box-shadow:4px 4px 4px  
4px #3E3585 }
```

Background

The CSS property to change the background color of an element to Hex 3E3585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E3585 }
```

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

```
.background{ background-color:#3E3585 }
```

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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