

Converting Colors

Hex(3E3082)

Have a look what the booklet for
Hex(3E3082) contains.

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Color

Hex(3E3082)

Conversions

Conversions Part 1

Format	Color
Hex	3E3082
RGB	62, 48, 130
RGB Percent	24%, 19%, 51%
CMY	0.7569, 0.8118, 0.4902
CMYK	0.52, 0.63, 0.00, 0.49
HSL	250°, 46%, 35%
HSV	250°, 63%, 51%
XYZ	7.0728, 4.7497, 21.6631
YIQ	61.5340, -17.9780, 28.4700

Conversions

Conversions Part 2

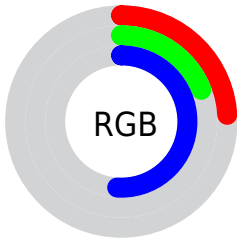
Format	Color
RYB	62, 48, 130
Decimal	4075650
CIELab	26.01, 29.23, -44.33
CIElCh	26, 53.098, 303.403
Yxy	4.7497, 0.2112, 0.1418
Android (android.graphics.Color)	4282265730 (0xFF3E3082)
YUV	61.5340, 33.7537, 0.4087
Hunter-Lab	21.7939, 19.7896, -43.6784

Details

The Hex color **3E3082** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **748230**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **735FB8**, and **000550** is the 20% darker color. If you saturate the color by 10%, you get **332382**, and if you desaturate by 10%, it is **493D82**.

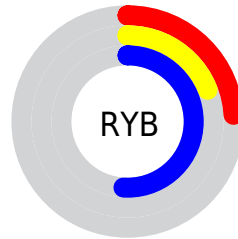
Distribution



Red (24%)

Green (19%)

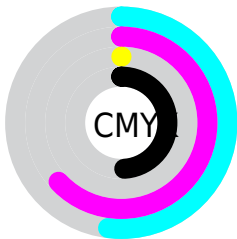
Blue (51%)



Red (24%)

Yellow (19%)

Blue (51%)

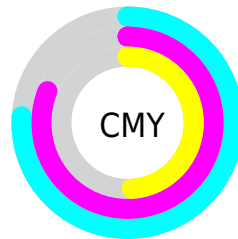


Cyan (52%)

Magenta (63%)

Yellow (0%)

Black (49%)



Cyan (76%)

Magenta (81%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E3082 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 3E3082 by changing the saturation by 10% instead.

 3E3082

 3E3082

FFFFFF

 221A68

 735FB8

 000550

 8F78D4

 000038

 AA92F0

 000222

 C7ACFF

 000007

 E3C8FF

 000000

 FFE4FF

 3E3082

 3E3082

 332382

 493D82

■ 281682

■ 544A82

■ 1E0982

■ 5E5782

■ 160082

■ 696482

■ 747182

■ 7F7E82

■ 898B82

■ 949882

■ 9FA582

Harmonies

Analogous

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



004290



3E3082



701263

Triad

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



3E3082



682D00



004E41

Complementary

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



3E3082



748230

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.



004C16



3E3082



493E00

Square

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



3E3082



7D1014



1E4700



004E69

Rectangle

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



3E3082



7E0048



1E4700



004D33

Sweetspot

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



3E3082



8E88A8



307482



444154



D4D4D4



545454

Same Dimension

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



3E3082



3E28A8



673082



3A3940



160080



000000

Inverse Universe

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



823074



A82892



4B8230



40393F



80006A



000000

Previews

White Background



This preview shows how the Hex color 3E3082 looks on a white background.

Color Contrast Check

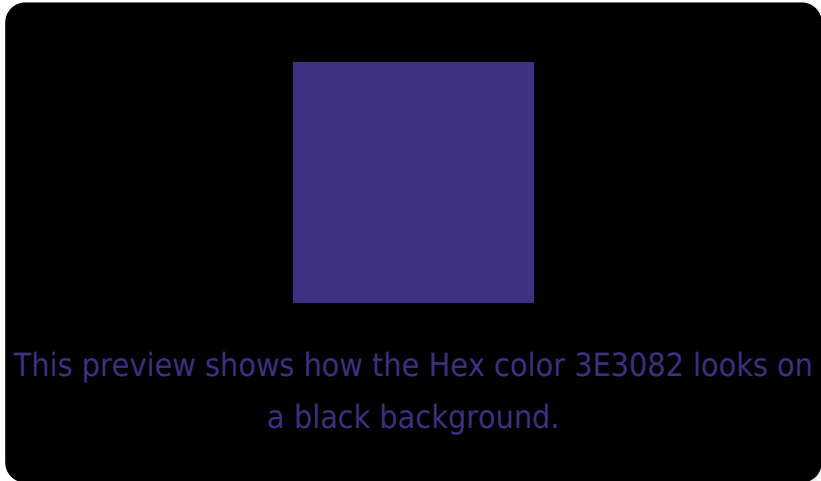
Large Text (above 18pt) WCAG AA ✓ Pass

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

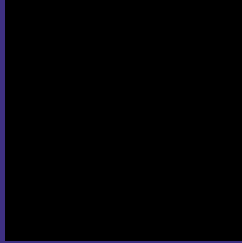
Any Text WCAG AA × Fail

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 3E3082 Background



This preview shows how black text looks on a background with the Hex color 3E3082.



This preview shows how white text looks on a background with the Hex color 3E3082.

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
3E3082

Protanopia
003C7E

Deuteranopia
003F6D



Tritanopia
2B4147

Trichromacy



Original Color
3E3082

Protanomaly
17387F

Deuteranomaly
173A75

Tritanomaly
323B5C

Monochromacy



Original Color
3E3082

Achromatopsia
3E3E3E

Achromatomaly
3E3957

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E3082 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 #3E3082 looks like.

```
.text, #text, p{  
    color:#3E3082  
}
```

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 #3E3082 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E3082
}
```

Border

The CSS property to change the border of an element to Hex 3E3082 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
#3E3082 }
```

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

```
.border{ border-color:#3E3082 }
```

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

Here you see how a box with a 4 pixel #3E3082 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E3082; -webkit-box-shadow:4px 4px  
4px 4px #3E3082; box-shadow:4px 4px 4px  
4px #3E3082 }
```

Background

The CSS property to change the background color of an element to Hex 3E3082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E3082 }
```

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

```
.background{ background-color:#3E3082 }
```

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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