

Converting Colors

Hex(3E4190)

Have a look what the booklet for
Hex(3E4190) contains.

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Color

Hex(3E4190)

Conversions

Conversions Part 1

Format	Color
Hex	3E4190
RGB	62, 65, 144
RGB Percent	24%, 25%, 56%
CMY	0.7569, 0.7451, 0.4353
CMYK	0.57, 0.55, 0.00, 0.44
HSL	238°, 40%, 40%
HSV	238°, 57%, 56%
XYZ	8.9109, 6.8183, 27.2320
YIQ	73.1090, -27.1470, 23.9330

Conversions

Conversions Part 2

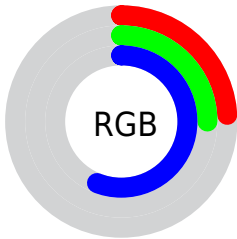
Format	Color
RYB	62, 65, 144
Decimal	4080016
CIELab	31.39, 22.88, -44.30
CIElCh	31, 49.861, 297.310
Yxy	6.8183, 0.2074, 0.1587
Android (android.graphics.Color)	4282270096 (0xFF3E4190)
YUV	73.1090, 34.9493, -9.7426
Hunter-Lab	26.1120, 15.2188, -43.5547

Details

The Hex color **3E4190** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **908D3E**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **7471C6**, and **00175D** is the 20% darker color. If you saturate the color by 10%, you get **303390**, and if you desaturate by 10%, it is **4C4F90**.

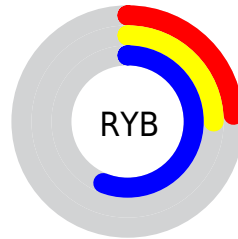
Distribution



Red (24%)

Green (25%)

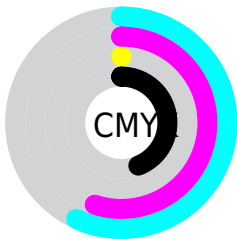
Blue (56%)



Red (24%)

Yellow (25%)

Blue (56%)

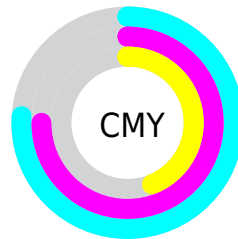


Cyan (57%)

Magenta (55%)

Yellow (0%)

Black (44%)



Cyan (76%)

Magenta (75%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E4190 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 3E4190 by changing the saturation by 10% instead.

■ 3E4190

■ 3E4190

FFFFFF

■ 202B76

■ 7471C6

■ 00175D

■ 908AE3

■ 000045

■ ACA5FF

■ 00032D

■ C8C0FF

■ 000118

■ E5DCFF

■ 000000

■ FFF8FF

■ 3E4190

■ 3E4190

■ 303390

■ 4C4F90

■ 212590

■ 5B5D90

■ 131790

■ 696B90

■ 040A90

■ 787890

■ 000590

■ 868690

■ 949490

■ A3A290

■ B1B090

■ C0BE90

Harmonies

Analogous

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



005099



3E4190



742C75

Triad

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



3E4190



7A3601



005B45

Complementary

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



3E4190



908D3E

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.



00581C



3E4190



5E4700

Square

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



3E4190



8B2229



375200



005B6D

Rectangle

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



3E4190



861E5C



375200



005A37

Sweetspot

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



3E4190



9B9CBA



3E908C



4B4C5E



DEDEDE



5E5E5E

Same Dimension

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



3E4190



3C40BA



633E90



404147



000587



000008

Inverse Universe

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



903E41



BA3C40



6B903E



474041



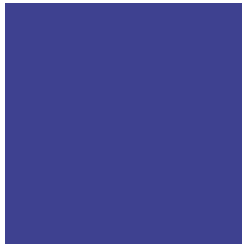
870005



080000

Previews

White Background



This preview shows how the Hex color 3E4190 looks on a white background.

Color Contrast Check

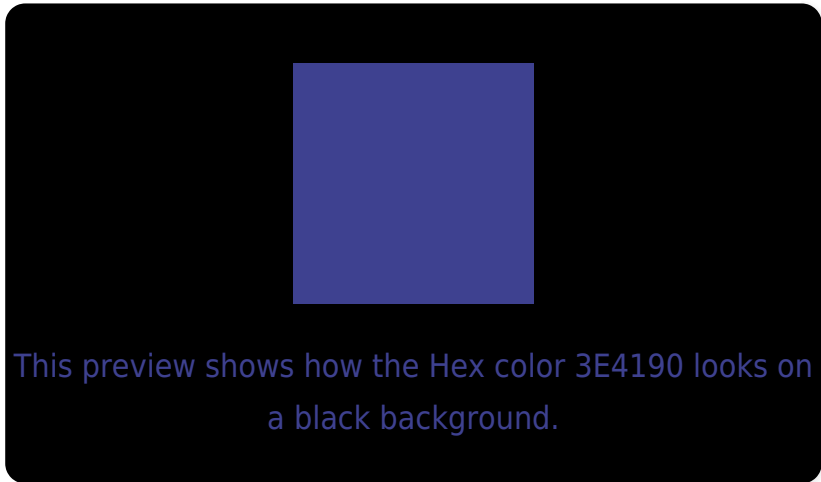
Large Text (above 18pt) WCAG AA ✓ Pass

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

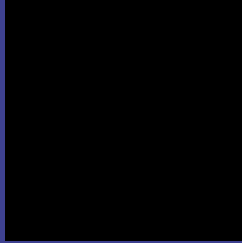
Any Text WCAG AA × Fail

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 3E4190 Background



This preview shows how black text looks on a background with the Hex color 3E4190.

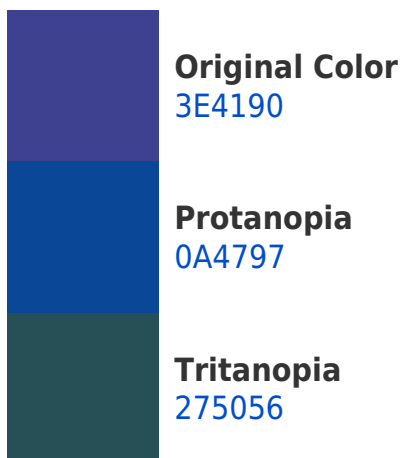


This preview shows how white text looks on a background with the Hex color 3E4190.

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



Trichromacy



Original Color
3E4190

Protanomaly
1D4594

Tritanomaly
2F4B6B

Monochromacy



Original Color
3E4190

Achromatopsia
494949

Achromatomaly
454663

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E4190 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 #3E4190 looks like.

```
.text, #text, p{  
    color:#3E4190  
}
```

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 #3E4190 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E4190
}
```

Border

The CSS property to change the border of an element to Hex 3E4190 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
#3E4190 }
```

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

```
.border{ border-color:#3E4190 }
```

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

Here you see how a box with a 4 pixel #3E4190 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E4190; -webkit-box-shadow:4px 4px  
4px 4px #3E4190; box-shadow:4px 4px 4px  
4px #3E4190 }
```

Background

The CSS property to change the background color of an element to Hex 3E4190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E4190 }
```

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

```
.background{ background-color:#3E4190 }
```

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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