

Converting Colors

Hex(3E5194)

Have a look what the booklet for
Hex(3E5194) contains.

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Color

Hex(3E5194)

Conversions

Conversions Part 1

Format	Color
Hex	3E5194
RGB	62, 81, 148
RGB Percent	24%, 32%, 58%
CMY	0.7569, 0.6824, 0.4196
CMYK	0.58, 0.45, 0.00, 0.42
HSL	227°, 41%, 41%
HSV	227°, 58%, 58%
XYZ	10.2743, 9.0471, 29.2217
YIQ	82.9570, -32.8310, 16.8090

Conversions

Conversions Part 2

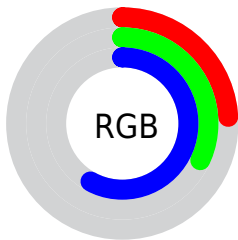
Format	Color
R _{YB}	62, 78, 148
Decimal	4084116
CIE Lab	36.07, 13.72, -39.22
CIE LCh	36, 41.553, 289.281
Yxy	9.0471, 0.2117, 0.1864
Android (android.graphics.Color)	4282274196 (0xFF3E5194)
YUV	82.9570, 32.0662, -18.3793
Hunter-Lab	30.0784, 8.3357, -36.5464

Details

The Hex color **3E5194** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **94813E**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **7482CB**, and **002561** is the 20% darker color. If you saturate the color by 10%, you get **2F4594**, and if you desaturate by 10%, it is **4D5D94**.

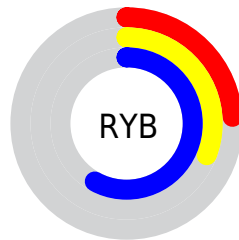
Distribution



Red (24%)

Green (32%)

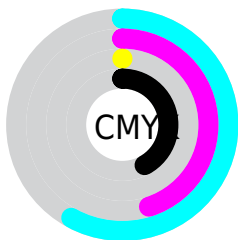
Blue (58%)



Red (24%)

Yellow (31%)

Blue (58%)

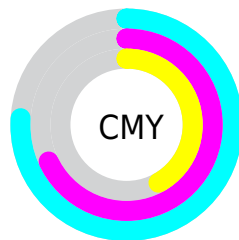


Cyan (58%)

Magenta (45%)

Yellow (0%)

Black (42%)



Cyan (76%)

Magenta (68%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E5194 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 3E5194 by changing the saturation by 10% instead.

■ 3E5194

■ 3E5194

FFFFFF

■ 213A7A

■ 7482CB

■ 002561

■ 909CE7

■ 001148

■ ACB7FF

■ 000431

■ C8D2FF

■ 00011B

■ E5EFFF

■ 000000

■ 3E5194

■ 3E5194

■ 2F4594

■ 4D5D94

■ 203A94

■ 5C6894

■ 122E94

■ 6A7494

■ 032394

■ 797F94

■ 002194

■ 888B94

■ 979694

■ A6A294

■ B4AD94

■ C3B994

Harmonies

Analogous

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



005C96



3E5194



714281

Triad

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



3E5194



864123



006447

Complementary

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



3E5194



94813E

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.



286027



3E5194



704F0C

Square

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



3E5194



913641



515A0D



00656A

Rectangle

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



3E5194



853A6D



515A0D



00633C

Sweetspot

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



3E5194



9FA6BF



3E9480



4E5261



E0E0E0



616161

Same Dimension

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



3E5194



3957BF



553E94



43444A



001E8A



00020A

Inverse Universe

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



943E51



BF3957



7D943E



4A4344



8A001E



0A0002

Previews

White Background



This preview shows how the Hex color 3E5194 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

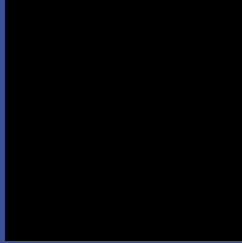
Any Text WCAG AA × Fail

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 3E5194 Background



This preview shows how black text looks on a background with the Hex color 3E5194.



This preview shows how white text looks on a background with the Hex color 3E5194.

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


3E5194

Protanopia

365295

Deuteranopia

235693



Tritanopia
2A5C63

Trichromacy



Original Color
3E5194

Protanomaly
395295

Deuteranomaly
2D5493

Tritanomaly
315875

Monochromacy



Original Color
3E5194

Achromatopsia
535353

Achromatomaly
4B526B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E5194 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 #3E5194 looks like.

```
.text, #text, p{  
    color:#3E5194  
}
```

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 #3E5194 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E5194
}
```

Border

The CSS property to change the border of an element to Hex 3E5194 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".

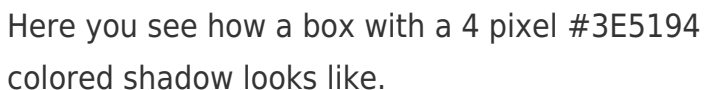
```
.border, #border, table{ border:4px solid
#3E5194 }
```

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

```
.border{ border-color:#3E5194 }
```

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

Here you see how a box with a 4 pixel #3E5194 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E5194; -webkit-box-shadow:4px 4px  
4px 4px #3E5194; box-shadow:4px 4px 4px  
4px #3E5194 }
```

Background

The CSS property to change the background color of an element to Hex 3E5194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E5194 }
```

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

```
.background{ background-color:#3E5194 }
```

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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