

Converting Colors

Hex(3E6393)

Have a look what the booklet for
Hex(3E6393) contains.

Hex(3E6393)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3E6393)

Conversions

Conversions Part 1

Format	Color
Hex	3E6393
RGB	62, 99, 147
RGB Percent	24%, 39%, 58%
CMY	0.7569, 0.6118, 0.4235
CMYK	0.58, 0.33, 0.00, 0.42
HSL	214°, 41%, 41%
HSV	214°, 58%, 58%
XYZ	11.7149, 12.0544, 29.3131
YIQ	93.4090, -37.4600, 7.0840

Conversions

Conversions Part 2

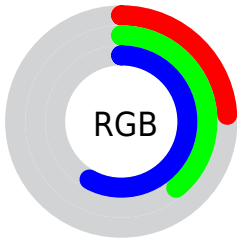
Format	Color
R_{YB}	62, 88, 147
Decimal	4088723
CIE _{Lab}	41.30, 1.84, -30.34
CIE _{LCh}	41, 30.399, 273.465
Yxy	12.0544, 0.2207, 0.2271
Android (android.graphics.Color)	4282278803 (0xFF3E6393)
YUV	93.4090, 26.4204, -27.5457
Hunter-Lab	34.7194, -0.5302, -25.7540

Details

The Hex color **3E6393** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **936E3E**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7496C9**, and **003560** is the 20% darker color. If you saturate the color by 10%, you get **2F5B93**, and if you desaturate by 10%, it is **4D6B93**.

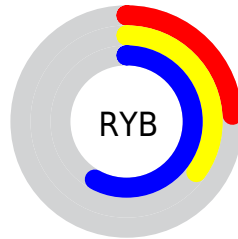
Distribution



 Red (24%)

 Green (39%)

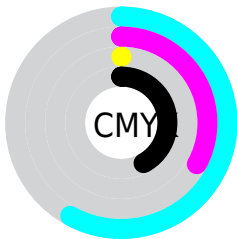
 Blue (58%)




 Red (24%)

 Yellow (35%)

 Blue (58%)

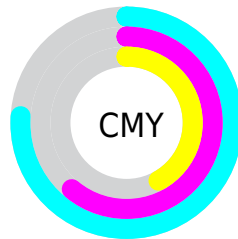


 Cyan (58%)

 Magenta (33%)

 Yellow (0%)

 Black (42%)



 Cyan (76%)

 Magenta (61%)

 Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E6393 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 3E6393 by changing the saturation by 10% instead.

■ 3E6393

■ 3E6393

FFFFFF

■ 214B79

■ 7496C9

■ 003560

■ 8FB0E5

■ 002048

■ ABCBFF

■ 000731

■ C7E8FF

■ 00011C

■ E4FFFF

■ 000000

■ 3E6393

■ 3E6393

■ 2F5B93

■ 4D6B93

■ 215293

■ 5B7493

■ 124A93

■ 6A7C93

■ 034293

■ 798493

■ 004093

■ 888D93

■ 969593

■ A59D93

■ B4A593

■ C2AE93

Harmonies

Analogous

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



006A8E



3E6393



675A8B

Triad

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



3E6393



8F5047



346C4A

Complementary

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



3E6393



936E3E

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.



546837



3E6393



835835

Square

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



3E6393



904D5F



6E612E



006E64

Rectangle

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



3E6393



7B547F



6E612E



406B43

Sweetspot

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



3E6393



9FADBFB



3E936D



4E5661



E0E0E0



616161

Same Dimension

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



3E6393



3B75BF



423E93



43464A



003C8A



00040A

Inverse Universe

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



933E63



BF3B75



8F933E



4A4346



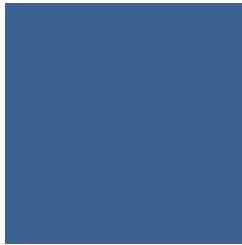
8A003C



0A0004

Previews

White Background



This preview shows how the Hex color 3E6393 looks on a white background.

Color Contrast Check

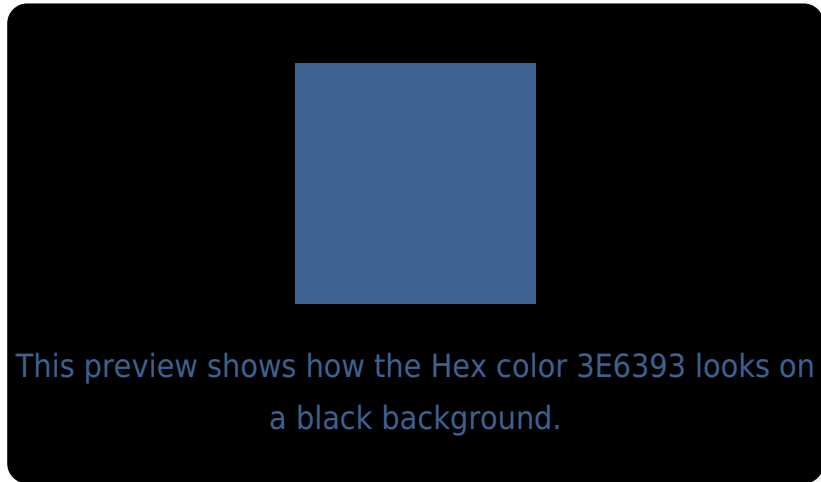
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 3E6393 Background



This preview shows how black text looks on a background with the Hex color 3E6393.

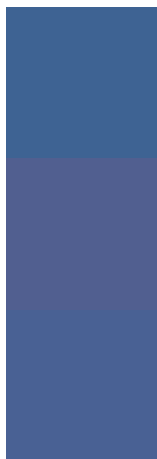


This preview shows how white text looks on a background with the Hex color 3E6393.

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


3E6393

Protanopia

515F90

Deuteranopia

496194



Tritanopia
306972

Trichromacy



Original Color
3E6393

Protanomaly
4A6091

Deuteranomaly
456294

Tritanomaly
35677E

Monochromacy



Original Color
3E6393

Achromatopsia
5D5D5D

Achromatomaly
525F71

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E6393 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 #3E6393 looks like.

```
.text, #text, p{  
    color:#3E6393  
}
```

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 #3E6393 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E6393
}
```

Border

The CSS property to change the border of an element to Hex 3E6393 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
#3E6393 }
```

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

```
.border{ border-color:#3E6393 }
```

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

Here you see how a box with a 4 pixel #3E6393 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E6393; -webkit-box-shadow:4px 4px  
4px 4px #3E6393; box-shadow:4px 4px 4px  
4px #3E6393 }
```

Background

The CSS property to change the background color of an element to Hex 3E6393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E6393 }
```

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

```
.background{ background-color:#3E6393 }
```

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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