

Converting Colors

Hex(3E6195)

Have a look what the booklet for
Hex(3E6195) contains.

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Color

Hex(3E6195)

Conversions

Conversions Part 1

Format	Color
Hex	3E6195
RGB	62, 97, 149
RGB Percent	24%, 38%, 58%
CMY	0.7569, 0.6196, 0.4157
CMYK	0.58, 0.35, 0.00, 0.42
HSL	216°, 41%, 41%
HSV	216°, 58%, 58%
XYZ	11.6861, 11.7434, 30.0846
YIQ	92.4630, -37.5520, 8.7520

Conversions

Conversions Part 2

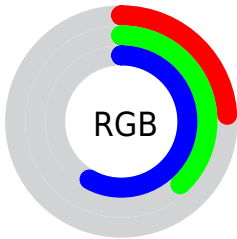
Format	Color
R_{YB}	62, 87, 149
Decimal	4088213
CIE _{Lab}	40.81, 3.78, -32.32
CIE _{LCh}	41, 32.543, 276.662
Yxy	11.7434, 0.2184, 0.2194
Android (android.graphics.Color)	4282278293 (0xFF3E6195)
YUV	92.4630, 27.8727, -26.7161
Hunter-Lab	34.2687, 0.9008, -28.0627

Details

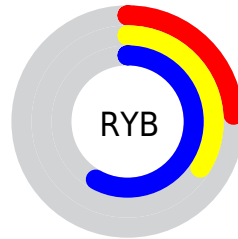
The Hex color **3E6195** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **95723E**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **7493CB**, and **003362** is the 20% darker color. If you saturate the color by 10%, you get **2F5895**, and if you desaturate by 10%, it is **4D6A95**.

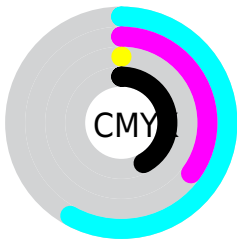
Distribution



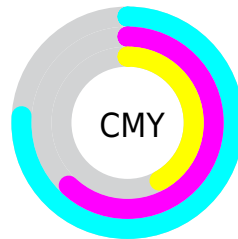
- Red (24%)
- Green (38%)
- Blue (58%)



- Red (24%)
- Yellow (34%)
- Blue (58%)



- Cyan (58%)
- Magenta (35%)
- Yellow (0%)
- Black (42%)



- Cyan (76%)
- Magenta (62%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E6195 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 3E6195 by changing the saturation by 10% instead.

■ 3E6195

■ 3E6195

FFFFFF

■ 21497B

■ 7493CB

■ 003362

■ 90AEE8

■ 001F4A

■ ABC9FF

■ 000433

■ C8E5FF

■ 00021D

■ E5FFFF

■ 000000

■ 3E6195

■ 3E6195

■ 2F5895

■ 4D6A95

■ 204F95

■ 5C7395

■ 114695

■ 6B7C95

■ 023D95

■ 7A8595

■ 003C95

■ 898E95

■ 979695

■ A69F95

■ B5A895

■ C4B195

Harmonies

Analogous

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



006991



3E6195



6A578B

Triad

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



3E6195



904E42



296C4A

Complementary

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



3E6195



95723E

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.



4E6834



3E6195



81572F

Square

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



3E6195



924A5B



6A6129



006E66

Rectangle

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



3E6195



7E507E



6A6129



376B42

Sweetspot

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



3E6195



9FADC2



3E9571



4C5461



E0E0E0



616161

Same Dimension

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



3E6195



3A71C2



453E95



43464A



00378A



00040A

Inverse Universe

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



953E61



C23A71



8E953E



4A4346



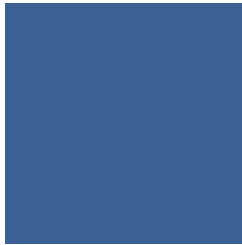
8A0037



0A0004

Previews

White Background



This preview shows how the Hex color 3E6195 looks on a white background.

Color Contrast Check

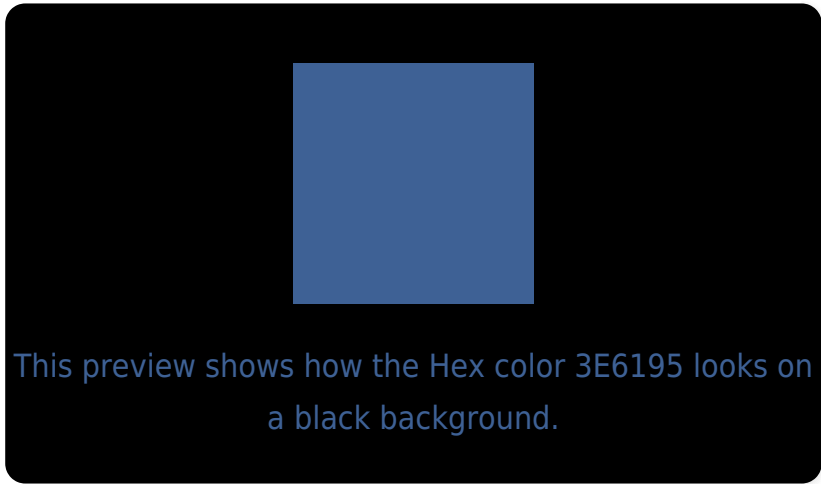
Large Text (above 18pt) WCAG AA ✓ Pass

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 3E6195 Background



This preview shows how black text looks on a background with the Hex color 3E6195.



This preview shows how white text looks on a background with the Hex color 3E6195.

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
3E6195

Protanopia
4D5E93

Deuteranopia
446095



Tritanopia
2F6871

Trichromacy



Original Color
3E6195

Protanomaly
485F94

Deuteranomaly
426095

Tritanomaly
34657E

Monochromacy



Original Color
3E6195

Achromatopsia
5C5C5C

Achromatomaly
515E71

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E6195 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 #3E6195 looks like.

```
.text, #text, p{  
    color:#3E6195  
}
```

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 #3E6195 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E6195
}
```

Border

The CSS property to change the border of an element to Hex 3E6195 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
#3E6195 }
```

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

```
.border{ border-color:#3E6195 }
```

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

Here you see how a box with a 4 pixel #3E6195 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E6195; -webkit-box-shadow:4px 4px  
4px 4px #3E6195; box-shadow:4px 4px 4px  
4px #3E6195 }
```

Background

The CSS property to change the background color of an element to Hex 3E6195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E6195 }
```

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

```
.background{ background-color:#3E6195 }
```

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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