

Converting Colors

Hex(3E5C95)

Have a look what the booklet for
Hex(3E5C95) contains.

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Color

Hex(3E5C95)

Conversions

Conversions Part 1

Format	Color
Hex	3E5C95
RGB	62, 92, 149
RGB Percent	24%, 36%, 58%
CMY	0.7569, 0.6392, 0.4157
CMYK	0.58, 0.38, 0.00, 0.42
HSL	219°, 41%, 41%
HSV	219°, 58%, 58%
XYZ	11.2386, 10.8484, 29.9354
YIQ	89.5280, -36.1770, 11.3670

Conversions

Conversions Part 2

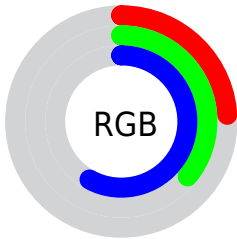
Format	Color
RYB	62, 84, 149
Decimal	4086933
CIELab	39.32, 6.95, -34.66
CIELCh	39, 35.351, 281.332
Yxy	10.8484, 0.2160, 0.2085
Android (android.graphics.Color)	4282277013 (0xFF3E5C95)
YUV	89.5280, 29.3197, -24.1421
Hunter-Lab	32.9368, 3.2676, -30.8312

Details

The Hex color **3E5C95** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **95773E**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **748ECB**, and **002F62** is the 20% darker color. If you saturate the color by 10%, you get **2F5295**, and if you desaturate by 10%, it is **4D6695**.

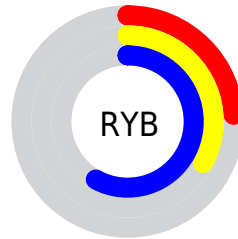
Distribution



Red (24%)

Green (36%)

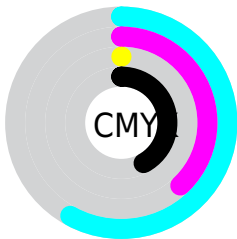
Blue (58%)



Red (24%)

Yellow (33%)

Blue (58%)

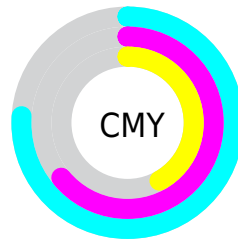


Cyan (58%)

Magenta (38%)

Yellow (0%)

Black (42%)



Cyan (76%)

Magenta (64%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E5C95 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 3E5C95 by changing the saturation by 10% instead.

■ 3E5C95

■ 3E5C95

FFFFFF

■ 21457B

■ 748ECB

■ 002F62

■ 90A8E8

■ 001B4A

■ ABC3FF

■ 000133

■ C8DFFF

■ 00021D

■ E5FCFF

■ 000000

■ 3E5C95

■ 3E5C95

■ 2F5295

■ 4D6695

■ 204895

■ 5C7095

■ 113F95

■ 6B7995

■ 023595

■ 7A8395

■ 003395

■ 898D95

■ 979795

■ A6A095

■ B5AA95

■ C4B495

Harmonies

Analogous

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



006593



3E5C95



6D5188

Triad

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



3E5C95



8D4A38



106A49

Complementary

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



3E5C95



95773E

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.



436630



3E5C95



7C5525

Square

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



3E5C95



924453



635F21



006B67

Rectangle

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



3E5C95



814979



635F21



276940

Sweetspot

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



3E5C95



9FABC2



3E9577



4C5361



E0E0E0



616161

Same Dimension

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



3E5C95



3A69C2



4B3E95



43454A



002F8A



00040A

Inverse Universe

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



953E5C



C23A69



88953E



4A4345



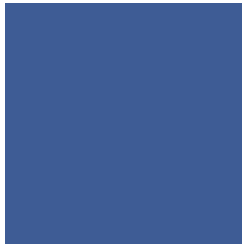
8A002F



0A0004

Previews

White Background



This preview shows how the Hex color 3E5C95 looks on a white background.

Color Contrast Check

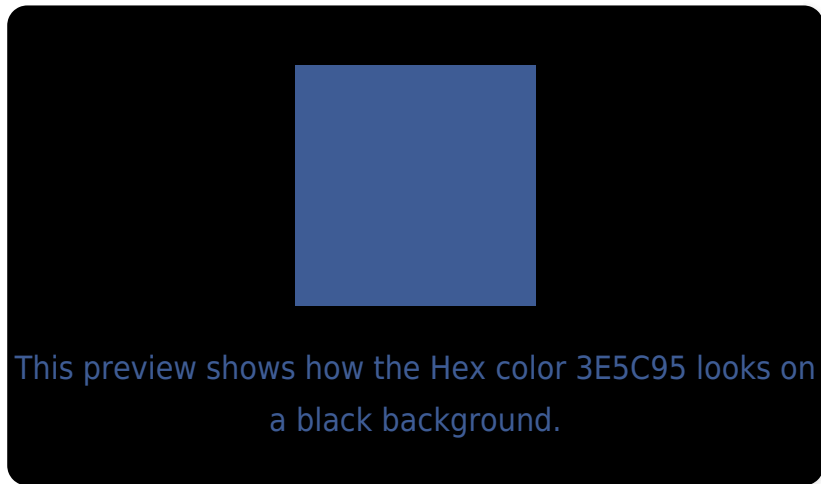
Large Text (above 18pt) WCAG AA ✓ Pass

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 3E5C95 Background



This preview shows how black text looks on a background with the Hex color 3E5C95.



This preview shows how white text looks on a background with the Hex color 3E5C95.

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
3E5C95

Protanopia
465A94

Deuteranopia
3B5D95



Tritanopia
2D646D

Trichromacy



Original Color
3E5C95

Protanomaly
435B94

Deuteranomaly
3C5D95

Tritanomaly
33617C

Monochromacy



Original Color
3E5C95

Achromatopsia
5A5A5A

Achromatomaly
505B6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E5C95 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 #3E5C95 looks like.

```
.text, #text, p{  
    color:#3E5C95  
}
```

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 #3E5C95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E5C95
}
```

Border

The CSS property to change the border of an element to Hex 3E5C95 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
#3E5C95 }
```

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

```
.border{ border-color:#3E5C95 }
```

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

Here you see how a box with a 4 pixel #3E5C95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E5C95; -webkit-box-shadow:4px 4px  
4px 4px #3E5C95; box-shadow:4px 4px 4px  
4px #3E5C95 }
```

Background

The CSS property to change the background color of an element to Hex 3E5C95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E5C95 }
```

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

```
.background{ background-color:#3E5C95 }
```

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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