

# Converting Colors

Hex(3A5E98)

Have a look what the booklet for  
Hex(3A5E98) contains.

<b>Hex(3A5E98)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(3A5E98)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3A5E98
RGB	58, 94, 152
RGB Percent	23%, 37%, 60%
CMY	0.7725, 0.6314, 0.4039
CMYK	0.62, 0.38, 0.00, 0.40
HSL	217°, 45%, 41%
HSV	217°, 62%, 60%
XYZ	11.4151, 11.1719, 31.2605
YIQ	89.8480, -40.0740, 10.4060

# Conversions

## Conversions Part 2

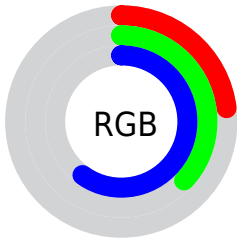
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	58, 84, 152
Decimal	3825304
CIE <sub>Lab</sub>	39.87, 5.88, -35.61
CIE <sub>LCh</sub>	40, 36.096, 279.370
Yxy	11.1719, 0.2120, 0.2075
Android (android.graphics.Color)	4282015384 (0xFF3A5E98)
YUV	89.8480, 30.6409, -27.9307
Hunter-Lab	33.4245, 2.4685, -32.0544

# Details

The Hex color **3A5E98** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **98743A**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **7190CF**, and **003165** is the 20% darker color. If you saturate the color by 10%, you get **2B5598**, and if you desaturate by 10%, it is **496798**.

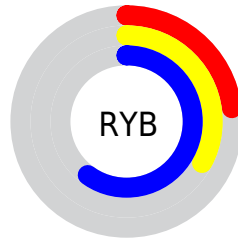
# Distribution



Red (23%)

Green (37%)

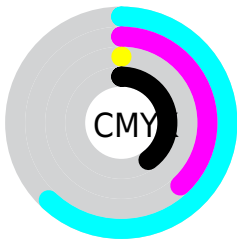
Blue (60%)



Red (23%)

Yellow (33%)

Blue (60%)

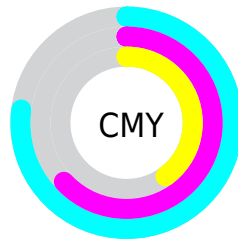


Cyan (62%)

Magenta (38%)

Yellow (0%)

Black (40%)



Cyan (77%)

Magenta (63%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A5E98 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 3A5E98 by changing the saturation by 10% instead.



■ 3A5E98

■ 3A5E98

FFFFFF

■ 1A477E

■ 7190CF

■ 003165

■ 8DAAEB

■ 001C4C

■ A9C6FF

■ 000135

■ C5E2FF

■ 00021F

■ E2FEFF

■ 000002

■ 000000

■ 3A5E98

■ 3A5E98

■ 2B5598

■ 496798

■ 1C4B98

■ 587198

■ 0C4298

■ 687A98

■ 003A98

■ 778498

■ 868D98

■ 959698

■ A4A098

■ B4A998

■ C3B298

# Harmonies

## Analogous

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



006795



3A5E98



6C528C

# Triad

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



3A5E98



904A3A



156B48

# Complementary

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



3A5E98



98743A

# 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.



46672E



3A5E98



7F5526

# Square

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



3A5E98



954456



665F21



006D67

# Rectangle

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



3A5E98



814B7C



665F21



2A6A3F



# Sweetspot

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



3A5E98



9FADC4



3A9874



4D5563



E3E3E3



636363



# Same Dimension

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



3A5E98



336BC4



453A98



45484D



00368C



00050D



# Inverse Universe

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



983A5E



C4336B



8D983A



4D4548



8C0036

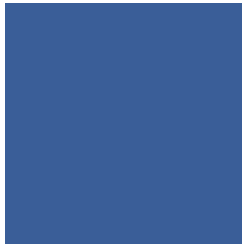


0D0005



# Previews

## White Background



This preview shows how the Hex color 3A5E98 looks on a white background.

## Color Contrast Check

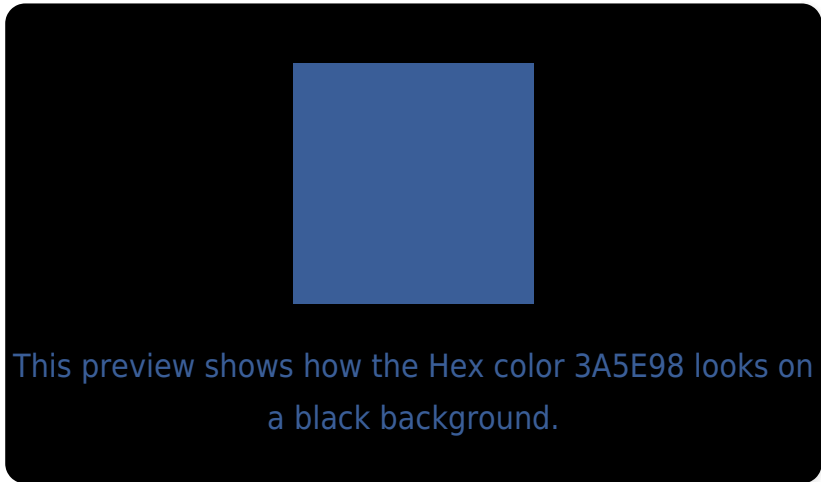
Large Text (above 18pt) WCAG AA ✓ Pass

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 3A5E98 Background



This preview shows how black text looks on a background with the Hex color 3A5E98.



This preview shows how white text looks on a background with the Hex color 3A5E98.

# 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**  
3A5E98

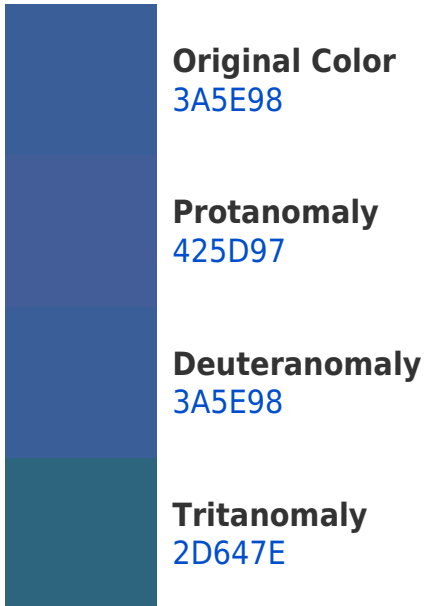
**Protanopia**  
475C96

**Deuteranopia**  
3A5E98



**Tritanopia**  
26676F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A5E98 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 #3A5E98 looks like.

```
.text, #text, p{  
    color:#3A5E98  
}
```

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 #3A5E98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A5E98
}
```

## Border

The CSS property to change the border of an element to Hex 3A5E98 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
#3A5E98 }
```

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

```
.border{ border-color:#3A5E98 }
```

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

Here you see how a box with a 4 pixel #3A5E98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A5E98; -webkit-box-shadow:4px 4px  
4px 4px #3A5E98; box-shadow:4px 4px 4px  
4px #3A5E98 }
```

# Background

The CSS property to change the background color of an element to Hex 3A5E98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A5E98 }
```

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

```
.background{ background-color:#3A5E98 }
```

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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