

Converting Colors

Hex(3A598E)

Have a look what the booklet for
Hex(3A598E) contains.

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Color

Hex(3A598E)

Conversions

Conversions Part 1

Format	Color
Hex	3A598E
RGB	58, 89, 142
RGB Percent	23%, 35%, 56%
CMY	0.7725, 0.6510, 0.4431
CMYK	0.59, 0.37, 0.00, 0.44
HSL	218°, 42%, 39%
HSV	218°, 59%, 56%
XYZ	10.1998, 9.9973, 26.9833
YIQ	85.7730, -35.4890, 9.9110

Conversions

Conversions Part 2

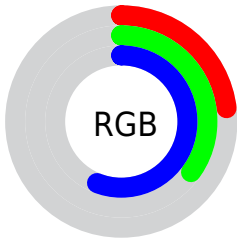
Format	Color
R_{YB}	58, 81, 142
Decimal	3824014
CIE Lab	37.84, 5.55, -32.80
CIE LCh	38, 33.267, 279.596
Yxy	9.9973, 0.2162, 0.2119
Android (android.graphics.Color)	4282014094 (0xFF3A598E)
YUV	85.7730, 27.7199, -24.3569
Hunter-Lab	31.6185, 2.2498, -28.4652

Details


The Hex color **3A598E** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8E6F3A**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **708BC4**, and **002C5B** is the 20% darker color. If you saturate the color by 10%, you get **2C508E**, and if you desaturate by 10%, it is **48628E**.

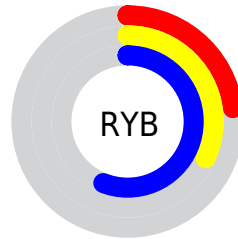
Distribution



 Red (23%)

 Green (35%)

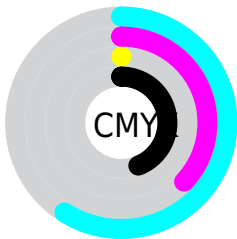
 Blue (56%)




 Red (23%)

 Yellow (32%)

 Blue (56%)

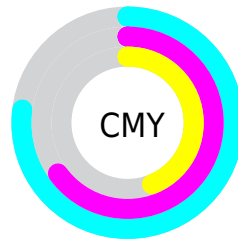


 Cyan (59%)


 Magenta (37%)

 Yellow (0%)

 Black (44%)



 Cyan (77%)

 Magenta (65%)

 Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A598E 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 3A598E by changing the saturation by 10% instead.



3A598E



3A598E

FFFFFF



1C4274



708BC4



002C5B



8BA5E0



001843



A7C0FD



00032D



C3DCFF



000117



E0F8FF



000000

FDFFFF



3A598E



3A598E



2C508E



48628E

■ 1E478E

■ 566B8E

■ 0F3E8E

■ 65748E

■ 01358E

■ 737D8E

■ 00348E

■ 81868E

■ 8F8F8E

■ 9D988E

■ ACA18E

■ BAAA8E

Harmonies

Analogous

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



00618B



3A598E



664F83

Triad

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



3A598E



874738



196545

Complementary

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



3A598E



8E6F3A

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.



43612E



3A598E



785126

Square

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



3A598E



8B4251



605A22



006761

Rectangle

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



3A598E



7A4875



605A22



2B643D

Sweetspot

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



3A598E



97A3B8



3A8E6E



484F5C



DBDBDB



5C5C5C

Same Dimension

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



3A598E



3565B8



443A8E



404347



003287



000308

Inverse Universe

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



8E3A59



B83565



848E3A



474043



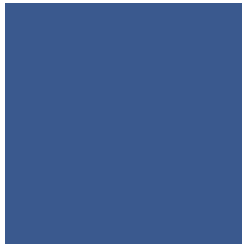
870032



080003

Previews

White Background



This preview shows how the Hex color 3A598E looks on a white background.

Color Contrast Check

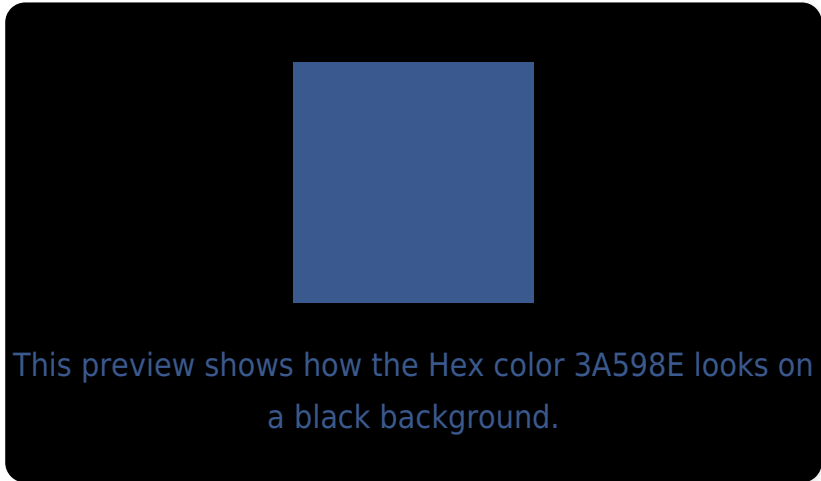
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

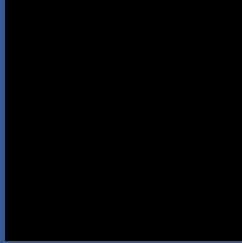
Any Text WCAG AA × Fail

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 3A598E Background



This preview shows how black text looks on a background with the Hex color 3A598E.



This preview shows how white text looks on a background with the Hex color 3A598E.

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
3A598E

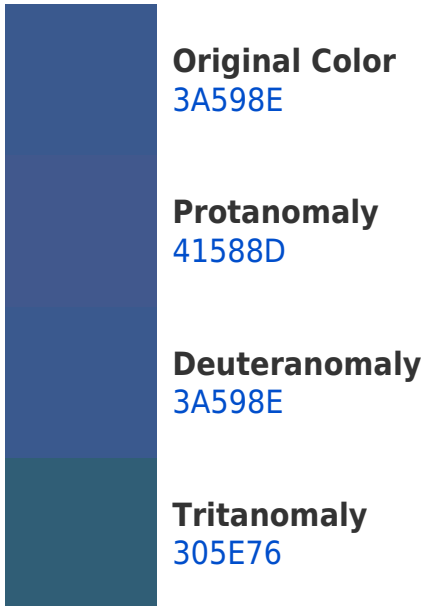
Protanopia
45578C

Deuteranopia
3A598E

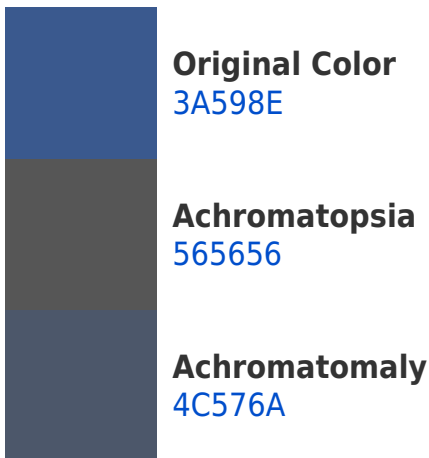


Tritanopia
2A6169

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3A598E 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 #3A598E looks like.

```
.text, #text, p{  
    color:#3A598E  
}
```

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 #3A598E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A598E
}
```

Border

The CSS property to change the border of an element to Hex 3A598E is called "border". The border property can be set on classes, ids or directly on the HTML element.

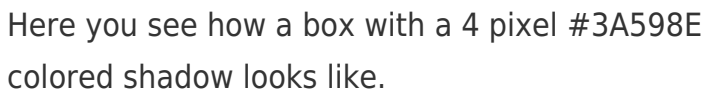
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A598E }
```

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

```
.border{ border-color:#3A598E }
```

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



Here you see how a box with a 4 pixel #3A598E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A598E; -webkit-box-shadow:4px 4px  
4px 4px #3A598E; box-shadow:4px 4px 4px  
4px #3A598E }
```

Background

The CSS property to change the background color of an element to Hex 3A598E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A598E }
```

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

```
.background{ background-color:#3A598E }
```

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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