

Converting Colors

Hex(3A679E)

Have a look what the booklet for
Hex(3A679E) contains.

Hex(3A679E)	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(3A679E)

Conversions

Conversions Part 1

Format	Color
Hex	3A679E
RGB	58, 103, 158
RGB Percent	23%, 40%, 62%
CMY	0.7725, 0.5961, 0.3804
CMYK	0.63, 0.35, 0.00, 0.38
HSL	213°, 46%, 42%
HSV	213°, 63%, 62%
XYZ	12.7667, 13.0687, 34.1974
YIQ	95.8150, -44.4750, 7.5650

Conversions

Conversions Part 2

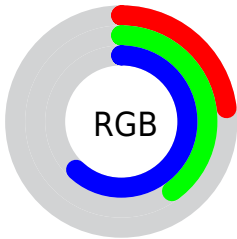
Format	Color
RYB	58, 89, 158
Decimal	3827614
CIELab	42.87, 2.33, -34.45
CIElCh	43, 34.533, 273.869
Yxy	13.0687, 0.2127, 0.2177
Android (android.graphics.Color)	4282017694 (0xFF3A679E)
YUV	95.8150, 30.6572, -33.1638
Hunter-Lab	36.1506, -0.2256, -30.7811

Details

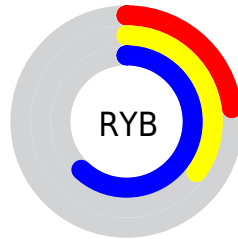
The Hex color **3A679E** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9E713A**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **729AD5**, and **00396A** is the 20% darker color. If you saturate the color by 10%, you get **2A5E9E**, and if you desaturate by 10%, it is **4A709E**.

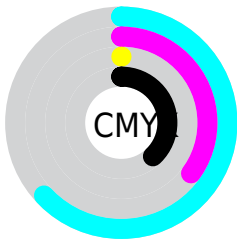
Distribution



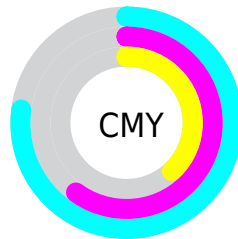
- Red (23%)
- Green (40%)
- Blue (62%)



- Red (23%)
- Yellow (35%)
- Blue (62%)



- Cyan (63%)
- Magenta (35%)
- Yellow (0%)
- Black (38%)



- Cyan (77%)
- Magenta (60%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A679E 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 3A679E by changing the saturation by 10% instead.

■ 3A679E

■ 3A679E

FFFFFF

■ 194F84

■ 729AD5

■ 00396A

■ 8EB4F1

■ 002452

■ AAD0FF

■ 000D3A

■ C7ECFF

■ 000224

■ E4FFFF

■ 00000C

■ 000000

■ 3A679E

■ 3A679E

■ 2A5E9E

■ 4A709E

■ 1A569E

■ 5A789E

■ 0B4D9E

■ 69819E

■ 00479E

■ 798A9E

■ 89929E

■ 999B9E

■ A9A49E

■ B8AD9E

■ C8B59E

Harmonies

Analogous

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



006F98



3A679E



6C5C95

Triad

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



3A679E



995147



2E724B

Complementary

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



3A679E



9E713A

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.



556D34



3A679E



8A5B32

Square

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



3A679E



9A4D63



73652A



007468

Rectangle

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



3A679E



835587



73652A



3D7042

Sweetspot

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



3A679E



A7B9CF



3A9E71



515B69



E8E8E8



696969

Same Dimension

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



3A679E



3278CF



3F3A9E



474B4F



00408F



00070F

Inverse Universe

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



9E3A67



CF3278



999E3A



4F474B



8F0040



0F0007

Previews

White Background



This preview shows how the Hex color 3A679E looks on a white background.

Color Contrast Check

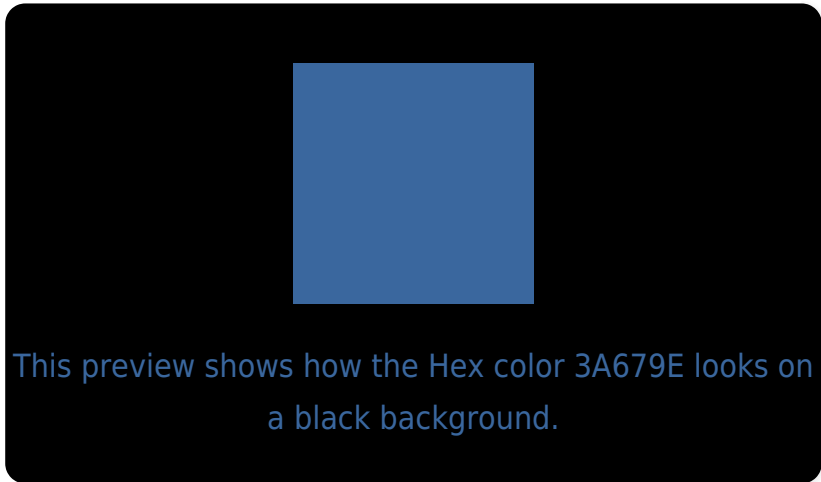
Large Text (above 18pt) WCAG AA ✓ Pass

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 3A679E Background



This preview shows how black text looks on a background with the Hex color 3A679E.

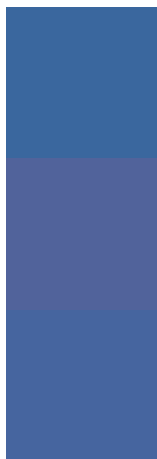


This preview shows how white text looks on a background with the Hex color 3A679E.

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
3A679E

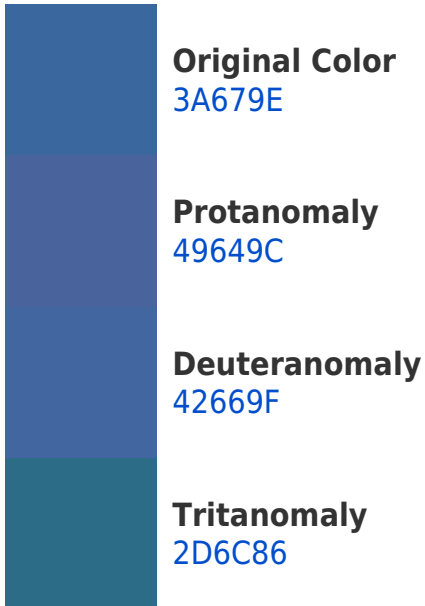
Protanopia
51639B

Deuteranopia
46659F



Tritanopia
266F78

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3A679E 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 #3A679E looks like.

```
.text, #text, p{  
    color:#3A679E  
}
```

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 #3A679E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A679E
}
```

Border

The CSS property to change the border of an element to Hex 3A679E is called "border". The border property can be set on classes, ids or directly on the HTML element.

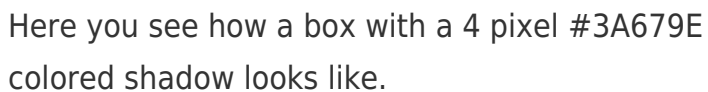
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A679E }
```

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

```
.border{ border-color:#3A679E }
```

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



Here you see how a box with a 4 pixel #3A679E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A679E; -webkit-box-shadow:4px 4px  
4px 4px #3A679E; box-shadow:4px 4px 4px  
4px #3A679E }
```

Background

The CSS property to change the background color of an element to Hex 3A679E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A679E }
```

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

```
.background{ background-color:#3A679E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor