

Converting Colors

Hex(34779E)

Have a look what the booklet for
Hex(34779E) contains.

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Color

Hex(34779E)

Conversions

Conversions Part 1

Format	Color
Hex	34779E
RGB	52, 119, 158
RGB Percent	20%, 47%, 62%
CMY	0.7961, 0.5333, 0.3804
CMYK	0.67, 0.25, 0.00, 0.38
HSL	202°, 50%, 41%
HSV	202°, 67%, 62%
XYZ	14.1846, 16.3923, 34.7642
YIQ	103.4130, -52.4510, -2.0750

Conversions

Conversions Part 2

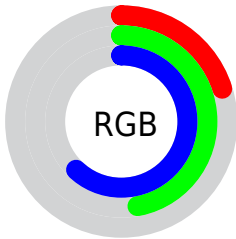
Format	Color
RYB	52, 93, 158
Decimal	3438494
CIELab	47.49, -8.43, -27.24
CIElCh	47, 28.513, 252.805
Yxy	16.3923, 0.2171, 0.2509
Android (android.graphics.Color)	4281628574 (0xFF34779E)
YUV	103.4130, 26.9114, -45.0892
Hunter-Lab	40.4875, -8.3166, -22.5676




Details

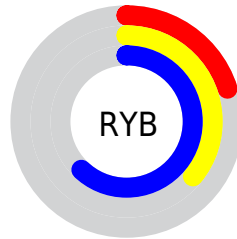
The Hex color **34779E** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9E5B34**, and the grayscale version is **676767**.




A 20% lighter version of the original color is **6EABD5**, and **00476A** is the 20% darker color. If you saturate the color by 10%, you get **24719E**, and if you desaturate by 10%, it is **447D9E**.

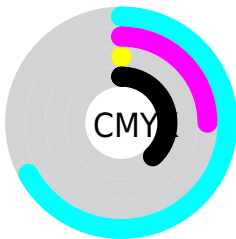
Distribution







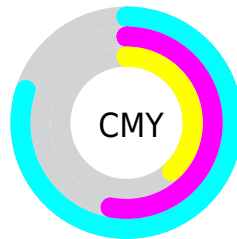
-  Red (20%)
-  Green (47%)
-  Blue (62%)






-  Red (20%)
-  Yellow (36%)
-  Blue (62%)



-  Cyan (67%)
-  Magenta (25%)
-  Yellow (0%)
-  Black (38%)



-  Cyan (80%)
-  Magenta (53%)
-  Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34779E 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 34779E by changing the saturation by 10% instead.

■ 34779E

■ 34779E

FFFFFF

■ 0C5E84

■ 6EABD5

■ 00476A

■ 8AC6F1

■ 003052

■ A6E2FF

■ 001C3B

■ C3FFFF

■ 000225

■ E0FFFF

■ 00010D

FEFFFF

■ 000000

■ 34779E

■ 34779E

■ 24719E

■ 447D9E

■ 146B9E

■ 54839E

■ 05669E

■ 63889E

■ 00649E

■ 738E9E

■ 83949E

■ 939A9E

■ A3A09E

■ B2A69E

■ C2AB9E

Harmonies

Analogous

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



027C90



34779E



5F6F9F

Triad

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



34779E



9F5E67



5C794D

Complementary

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



34779E



9E5B34

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.



767241



34779E



9B6251

Square

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



34779E



97607F



8C6A43



3D7C62

Rectangle

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



34779E



766A99



8C6A43



657747

Sweetspot

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



34779E



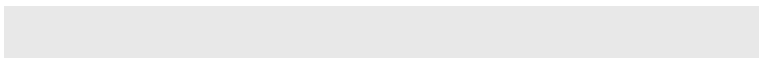
A5BFCF



349E5B



4F5F69



E8E8E8



696969

Same Dimension

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



34779E



2791CF



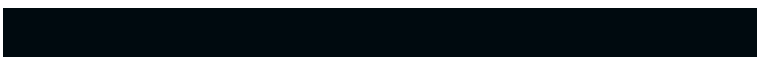
34429E



474C4F



005A8F



000A0F

Inverse Universe

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



9E3477



CF2791



9E9034



4F474C



8F005A



0F000A

Previews

White Background



This preview shows how the Hex color 34779E looks on a white background.

Color Contrast Check

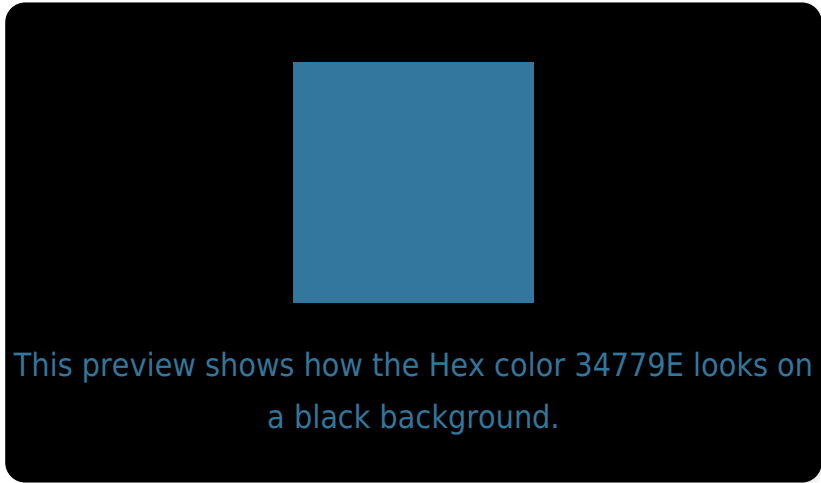
Large Text (above 18pt) WCAG AA ✓ Pass

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 34779E Background



This preview shows how black text looks on a background with the Hex color 34779E.

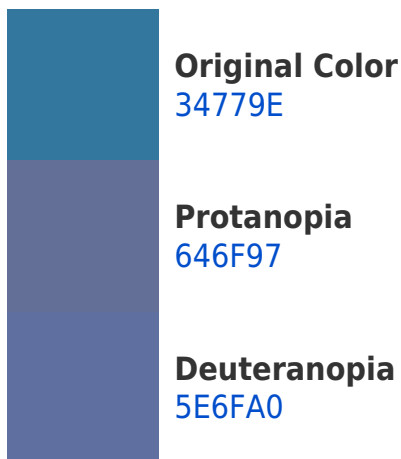


This preview shows how white text looks on a background with the Hex color 34779E.

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](#).

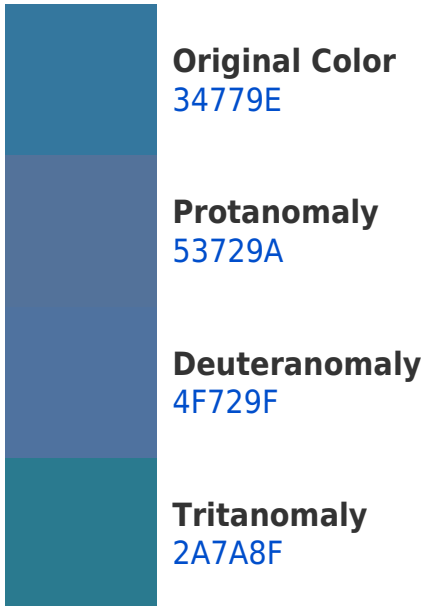
Dichromacy



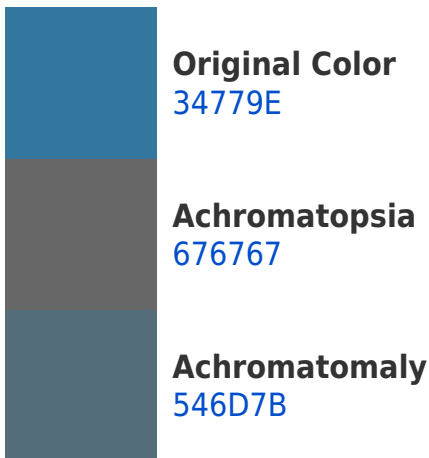


Tritanopia
257B86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 34779E 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 #34779E looks like.

```
.text, #text, p{  
    color:#34779E  
}
```

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 #34779E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34779E
}
```

Border

The CSS property to change the border of an element to Hex 34779E 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
#34779E }
```

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

```
.border{ border-color:#34779E }
```

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

Here you see how a box with a 4 pixel #34779E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34779E; -webkit-box-shadow:4px 4px  
4px 4px #34779E; box-shadow:4px 4px 4px  
4px #34779E }
```

Background

The CSS property to change the background color of an element to Hex 34779E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34779E }
```

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

```
.background{ background-color:#34779E }
```

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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