

# Converting Colors

Hex(36799E)

Have a look what the booklet for  
Hex(36799E) contains.

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# Color

**Hex(36799E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	36799E
RGB	54, 121, 158
RGB Percent	21%, 47%, 62%
CMY	0.7882, 0.5255, 0.3804
CMYK	0.66, 0.23, 0.00, 0.38
HSL	201°, 49%, 42%
HSV	201°, 66%, 62%
XYZ	14.5302, 16.9276, 34.8493
YIQ	105.1850, -51.8090, -2.6970

# Conversions

## Conversions Part 2

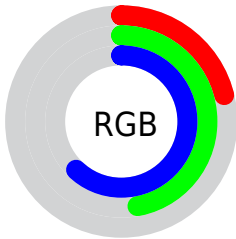
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 95, 158
Decimal	3570078
CIELab	48.17, -9.24, -26.17
CIELCh	48, 27.754, 250.557
Yxy	16.9276, 0.2191, 0.2553
Android (android.graphics.Color)	4281760158 (0xFF36799E)
YUV	105.1850, 26.0378, -44.8892
Hunter-Lab	41.1432, -8.9611, -21.4198

# Details

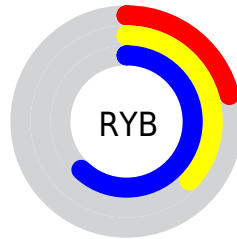
The Hex color **36799E** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9E5B36**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **70ADD5**, and **00496A** is the 20% darker color. If you saturate the color by 10%, you get **26739E**, and if you desaturate by 10%, it is **467F9E**.

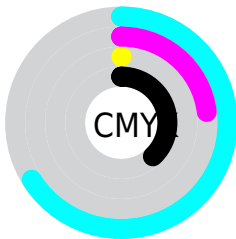
# Distribution



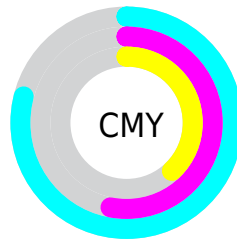
- Red (21%)
- Green (47%)
- Blue (62%)



- Red (21%)
- Yellow (37%)
- Blue (62%)



- Cyan (66%)
- Magenta (23%)
- Yellow (0%)
- Black (38%)



- Cyan (79%)
- Magenta (53%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 36799E 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 36799E by changing the saturation by 10% instead.



■ 36799E

■ 36799E

FFFFFF

■ 106084

■ 70ADD5

■ 00496A

■ 8CC9F1

■ 003252

■ A8E5FF

■ 001D3B

■ C5FFFF

■ 000225

■ E2FFFF

■ 00010E

■ 000000

■ 36799E

■ 36799E

■ 26739E

■ 467F9E

■ 166E9E

■ 56849E

■ 07689E

■ 658A9E

■ 00669E

■ 758F9E

■ 85959E

■ 959B9E

■ A5A09E

■ B4A69E

■ C4AC9E

# Harmonies

## Analogous

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



127D90



36799E



5E72A0

# Triad

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



36799E



A0606B



607A4E

# Complementary

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



36799E



9E5B36

# 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.



7A7444



36799E



9D6455

# Square

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



36799E



966282



8F6C46



437E62

# Rectangle

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



36799E



766C9B



8F6C46



697849



# Sweetspot

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



36799E



A5C0CF



369E5A



4F6069



E8E8E8



696969



# Same Dimension

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



36799E



2B94CF



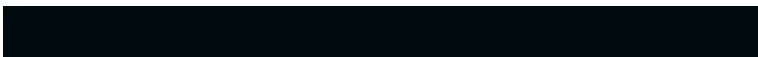
36469E



474C4F



005C8F



000A0F



# Inverse Universe

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



9E3679



CF2B94



9E8E36



4F474C



8F005C



0F000A



# Previews

## White Background



This preview shows how the Hex color 36799E looks on a white background.

## Color Contrast Check

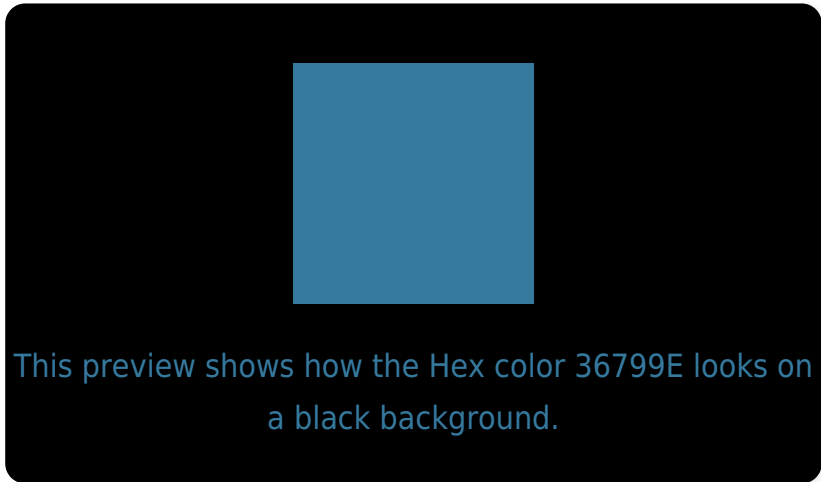
Large Text (above 18pt) WCAG AA ✓ Pass

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

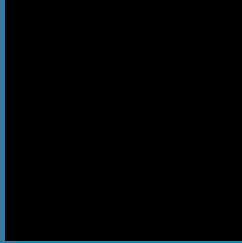
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 36799E Background



This preview shows how black text looks on a background with the Hex color 36799E.

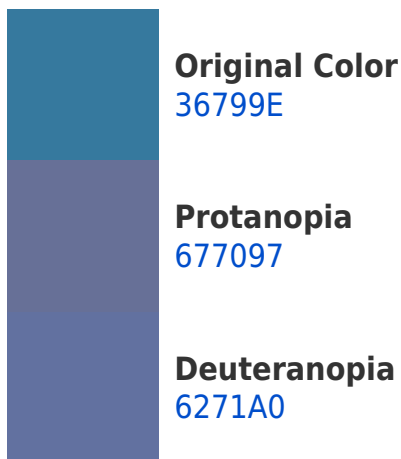


This preview shows how white text looks on a background with the Hex color 36799E.

# 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](#).

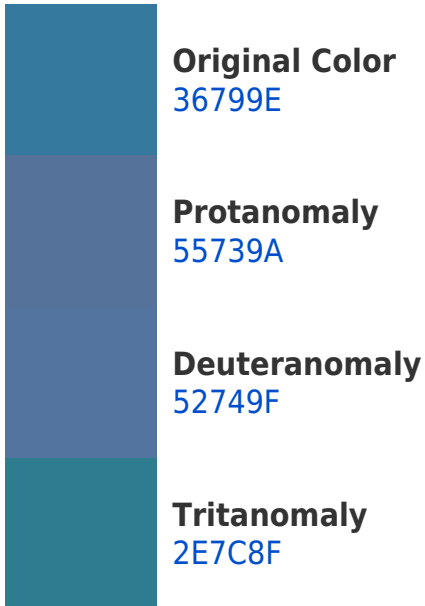
## Dichromacy





**Tritanopia**  
297D87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 36799E 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 #36799E looks like.

```
.text, #text, p{  
    color:#36799E  
}
```

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 #36799E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36799E
}
```

## Border

The CSS property to change the border of an element to Hex 36799E 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
#36799E }
```

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

```
.border{ border-color:#36799E }
```

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

Here you see how a box with a 4 pixel #36799E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36799E; -webkit-box-shadow:4px 4px  
4px 4px #36799E; box-shadow:4px 4px 4px  
4px #36799E }
```

# Background

The CSS property to change the background color of an element to Hex 36799E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36799E }
```

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

```
.background{ background-color:#36799E }
```

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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