

# Converting Colors

Hex(43679F)

Have a look what the booklet for  
Hex(43679F) contains.

<b>Hex(43679F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(43679F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	43679F
RGB	67, 103, 159
RGB Percent	26%, 40%, 62%
CMY	0.7373, 0.5961, 0.3765
CMYK	0.58, 0.35, 0.00, 0.38
HSL	217°, 41%, 44%
HSV	217°, 58%, 62%
XYZ	13.4230, 13.3970, 34.6793
YIQ	98.6200, -39.4320, 9.7840

# Conversions

## Conversions Part 2

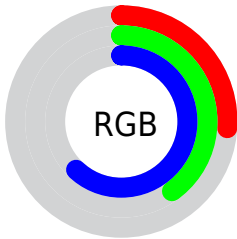
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	67, 93, 159
Decimal	4417439
CIE Lab	43.36, 4.54, -34.25
CIE LCh	43, 34.546, 277.547
Yxy	13.3970, 0.2183, 0.2178
Android (android.graphics.Color)	4282607519 (0xFF43679F)
YUV	98.6200, 29.7673, -27.7307
Hunter-Lab	36.6019, 1.4079, -30.5543

# Details

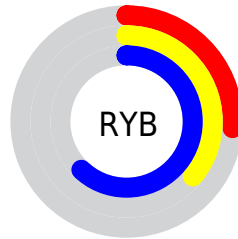
The Hex color **43679F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9F7B43**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **7A9AD6**, and **00396B** is the 20% darker color. If you saturate the color by 10%, you get **335D9F**, and if you desaturate by 10%, it is **53719F**.

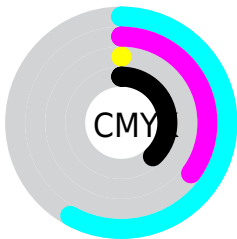
# Distribution



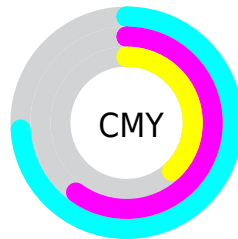
- Red (26%)
- Green (40%)
- Blue (62%)



- Red (26%)
- Yellow (36%)
- Blue (62%)



- Cyan (58%)
- Magenta (35%)
- Yellow (0%)
- Black (38%)



- Cyan (74%)
- Magenta (60%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 43679F 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 43679F by changing the saturation by 10% instead.



■ 43679F

■ 43679F

FFFFFF

■ 264F85

■ 7A9AD6

■ 00396B

■ 95B4F3

■ 002453

■ B1D0FF

■ 000E3B

■ CEECFE

■ 000225

■ EBFFFF

■ 00010D

■ 000000

■ 43679F

■ 43679F

■ 335D9F

■ 53719F

■ 23549F

■ 637A9F

■ 134A9F

■ 73849F

■ 03409F

■ 838E9F

■ 003E9F

■ 93979F

■ A2A19F

■ B2AB9F

■ C2B49F

■ D2BE9F

# Harmonies

## Analogous

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



006F9B



43679F



725C94

# Triad

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



43679F



995345



297350

# Complementary

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



43679F



9F7B43

# 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.



526F37



43679F



895D31

# Square

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



43679F



9C4E60



71672C



00756D

# Rectangle

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



43679F



885586



71672C



397247



# Sweetspot

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



43679F



ABB9CF



439F7A



545C69



E8E8E8



696969



# Same Dimension

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



43679F



4078CF



4C439F



474A4F



00388F



00060F



# Inverse Universe

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



9F4367



CF4078



969F43



4F474A



8F0038



0F0006



# Previews

## White Background



This preview shows how the Hex color 43679F looks on a white background.

## Color Contrast Check

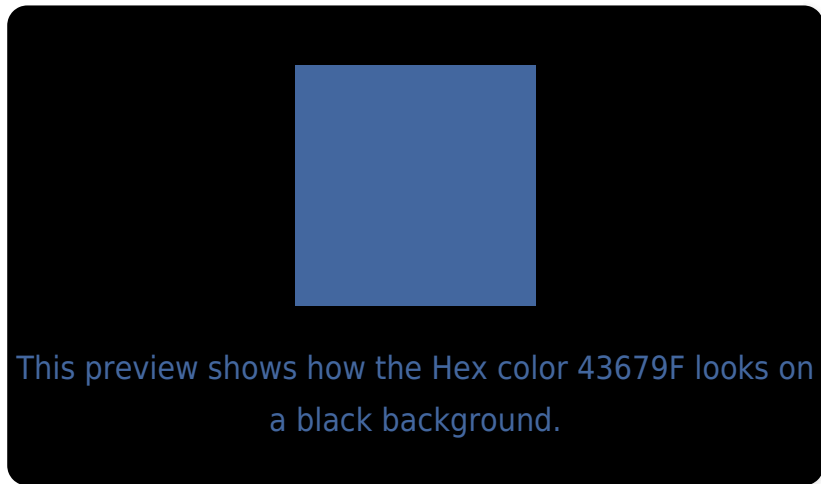
Large Text (above 18pt) WCAG AA ✓ Pass

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

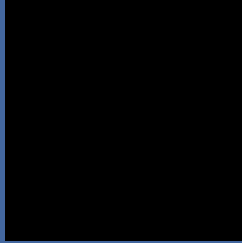
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

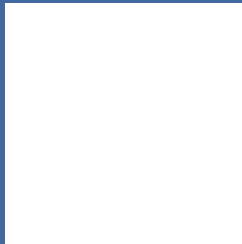
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 43679F Background



This preview shows how black text looks on a background with the Hex color 43679F.



This preview shows how white text looks on a background with the Hex color 43679F.

# 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**  
43679F

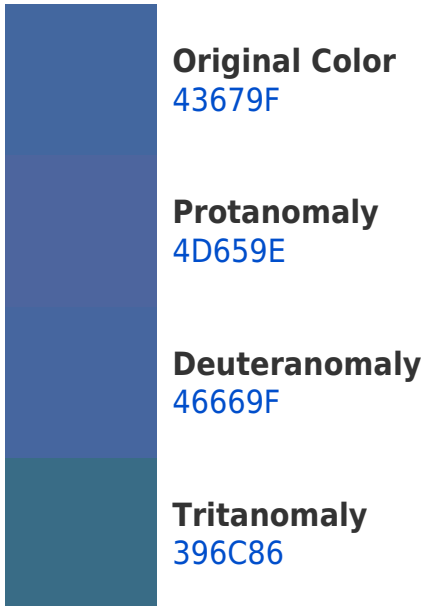
**Protanopia**  
52649D

**Deuteranopia**  
48669F

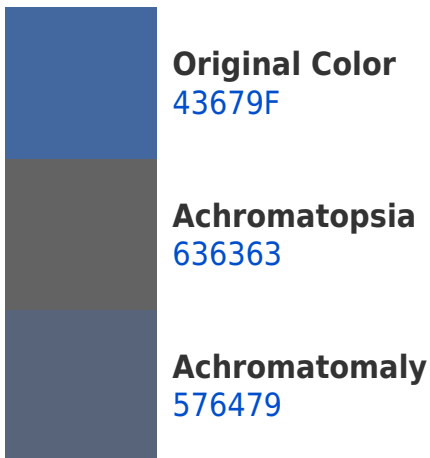


**Tritanopia**  
336F78

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 43679F 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 #43679F looks like.

```
.text, #text, p{  
    color:#43679F  
}
```

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 #43679F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43679F
}
```

## Border

The CSS property to change the border of an element to Hex 43679F 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
#43679F }
```

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

```
.border{ border-color:#43679F }
```

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

Here you see how a box with a 4 pixel #43679F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43679F; -webkit-box-shadow:4px 4px  
4px 4px #43679F; box-shadow:4px 4px 4px  
4px #43679F }
```

# Background

The CSS property to change the background color of an element to Hex 43679F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43679F }
```

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

```
.background{ background-color:#43679F }
```

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