

# Converting Colors

Hex(43559C)

Have a look what the booklet for  
Hex(43559C) contains.

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# Color

Hex(43559C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	43559C
RGB	67, 85, 156
RGB Percent	26%, 33%, 61%
CMY	0.7373, 0.6667, 0.3882
CMYK	0.57, 0.46, 0.00, 0.39
HSL	228°, 40%, 44%
HSV	228°, 57%, 61%
XYZ	11.5640, 10.0906, 32.7907
YIQ	87.7120, -33.5190, 18.2650

# Conversions

## Conversions Part 2

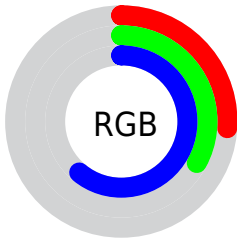
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	67, 82, 156
Decimal	4412828
CIE Lab	38.00, 14.98, -40.95
CIE LCh	38, 43.601, 290.093
Yxy	10.0906, 0.2124, 0.1853
Android (android.graphics.Color)	4282602908 (0xFF43559C)
YUV	87.7120, 33.6660, -18.1644
Hunter-Lab	31.7657, 9.3912, -38.9671

# Details

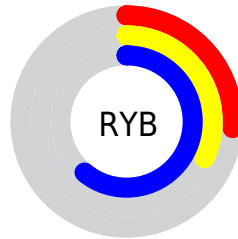
The Hex color **43559C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9C8A43**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **7A86D3**, and **002968** is the 20% darker color. If you saturate the color by 10%, you get **33499C**, and if you desaturate by 10%, it is **53619C**.

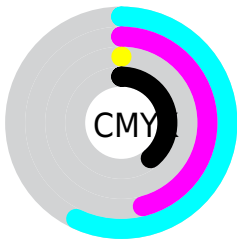
# Distribution



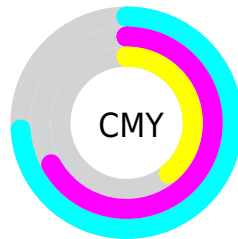
- Red (26%)
- Green (33%)
- Blue (61%)



- Red (26%)
- Yellow (32%)
- Blue (61%)



- Cyan (57%)
- Magenta (46%)
- Yellow (0%)
- Black (39%)



- Cyan (74%)
- Magenta (67%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 43559C 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 43559C by changing the saturation by 10% instead.





43559C



43559C

FFFFFF



263E82



7A86D3



002968



95A0F0



00154F



B1BBFF



000038



CED7FF



000222



EBF3FF



000007



000000



43559C



43559C



33499C



53619C

■ 243C9C

■ 626E9C

■ 14309C

■ 727A9C

■ 05239C

■ 81879C

■ 00209C

■ 91939C

■ A1A09C

■ B0AC9C

■ C0B99C

■ CFC59C

# Harmonies

## Analogous

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



00619F



43559C



784587

# Triad

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



43559C



8D4524



00694C

# Complementary

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



43559C



9C8A43

# 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.



286629



43559C



75540B

# Square

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



43559C



993943



555F0E



006A71

# Rectangle

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



43559C



8D3C72



555F0E



006940



# Sweetspot

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



43559C



A9B0CC



439C89



525666



E6E6E6



666666



# Same Dimension

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



43559C



415DCC



5C439C



47494F



001D8F



00030F



# Inverse Universe

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



9C4355



CC415D



839C43



4F4749



8F001D

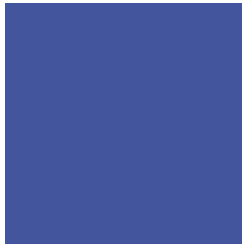


0F0003



# Previews

## White Background



This preview shows how the Hex color 43559C looks on a white background.

## Color Contrast Check

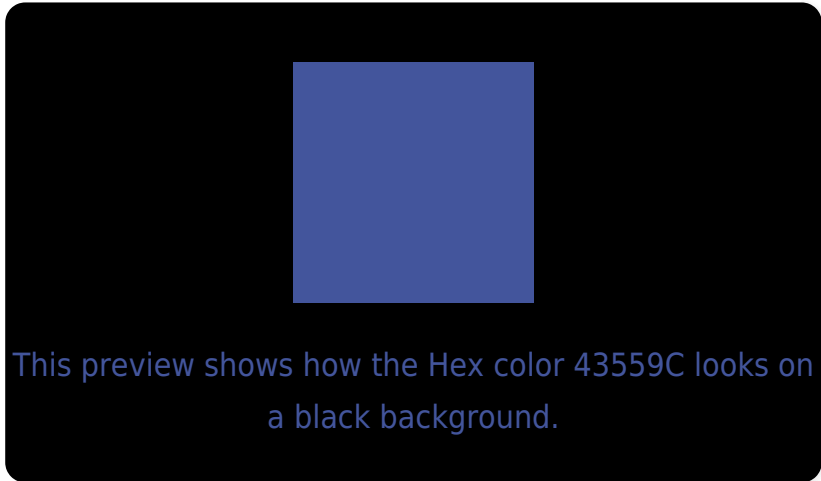
Large Text (above 18pt) WCAG AA ✓ Pass

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

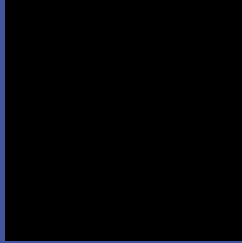
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 43559C Background



This preview shows how black text looks on a background with the Hex color 43559C.



This preview shows how white text looks on a background with the Hex color 43559C.

# 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](#).

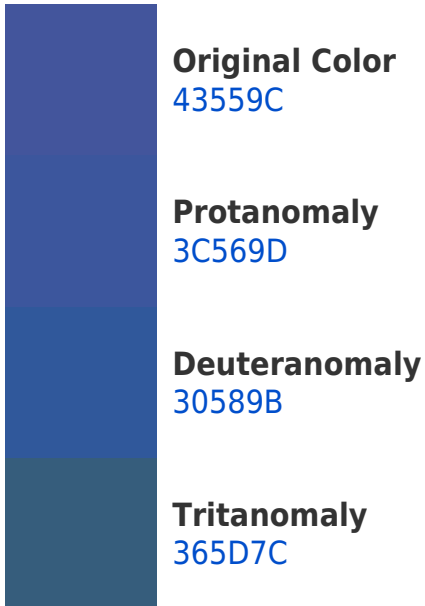
## Dichromacy





**Tritanopia**  
2F6169

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 43559C 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 #43559C looks like.

```
.text, #text, p{  
    color:#43559C  
}
```

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 #43559C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43559C
}
```

## Border

The CSS property to change the border of an element to Hex 43559C is called "border". The border property can be set on classes, ids or directly on the HTML element.

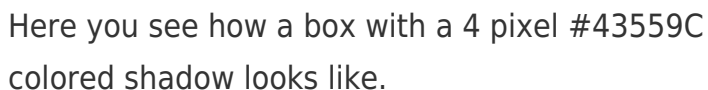
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#43559C }
```

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

```
.border{ border-color:#43559C }
```

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



Here you see how a box with a 4 pixel #43559C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43559C; -webkit-box-shadow:4px 4px  
4px 4px #43559C; box-shadow:4px 4px 4px  
4px #43559C }
```

# Background

The CSS property to change the background color of an element to Hex 43559C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43559C }
```

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

```
.background{ background-color:#43559C }
```

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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