

# Converting Colors

Hex(434994)

Have a look what the booklet for  
Hex(434994) contains.

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# Color

**Hex(434994)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	434994
RGB	67, 73, 148
RGB Percent	26%, 29%, 58%
CMY	0.7373, 0.7137, 0.4196
CMYK	0.55, 0.51, 0.00, 0.42
HSL	236°, 38%, 42%
HSV	236°, 55%, 58%
XYZ	10.0426, 8.0965, 29.0505
YIQ	79.7560, -27.6510, 22.0530

# Conversions

## Conversions Part 2

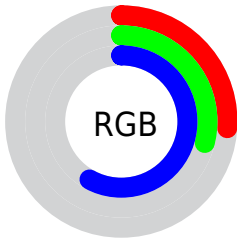
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	67, 73, 148
Decimal	4409748
CIE Lab	34.18, 20.07, -42.23
CIE LCh	34, 46.758, 295.420
Yxy	8.0965, 0.2128, 0.1716
Android (android.graphics.Color)	4282599828 (0xFF434994)
YUV	79.7560, 33.6443, -11.1870
Hunter-Lab	28.4543, 13.2041, -40.6141

# Details

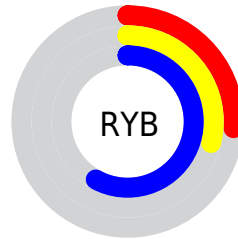
The Hex color **434994** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **948E43**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **7979CB**, and **001E61** is the 20% darker color. If you saturate the color by 10%, you get **343B94**, and if you desaturate by 10%, it is **525794**.

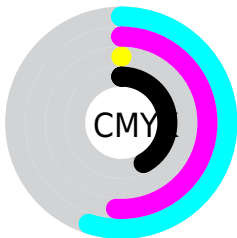
# Distribution



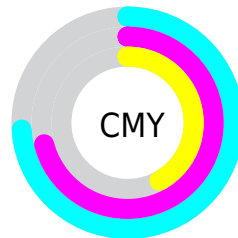
- Red (26%)
- Green (29%)
- Blue (58%)



- Red (26%)
- Yellow (29%)
- Blue (58%)



- Cyan (55%)
- Magenta (51%)
- Yellow (0%)
- Black (42%)



- Cyan (74%)
- Magenta (71%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 434994 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 434994 by changing the saturation by 10% instead.



■ 434994

■ 434994

FFFFFF

■ 27337A

■ 7979CB

■ 001E61

■ 9593E7

■ 000748

■ B0AEFF

■ 000431

■ CDC9FF

■ 00011B

■ EAE5FF

■ 000000

■ 434994

■ 434994

■ 343B94

■ 525794

■ 252E94

■ 616494

■ 172094

■ 6F7294

■ 081294

■ 7E8094

■ 000B94

■ 8D8E94

■ 9C9B94

■ ABA994

■ B9B794

■ C8C494

# Harmonies

## Analogous

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



00579B



434994



77377B

# Triad

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



434994



813D11



006149

# Complementary

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



434994



948E43

# 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.



005E23



434994



664D00

# Square

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



434994



912D33



435800



00616F

# Rectangle

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



434994



892C64



435800



00603C



# Sweetspot

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



434994



A1A3BF



43948D



4E5061



E0E0E0



616161



# Same Dimension

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



434994



414ABF



654394



43434A



000A8A



00010A



# Inverse Universe

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



944349



BF414A



729443



4A4343



8A000A



0A0001



# Previews

## White Background



This preview shows how the Hex color 434994 looks on a white background.

## Color Contrast Check

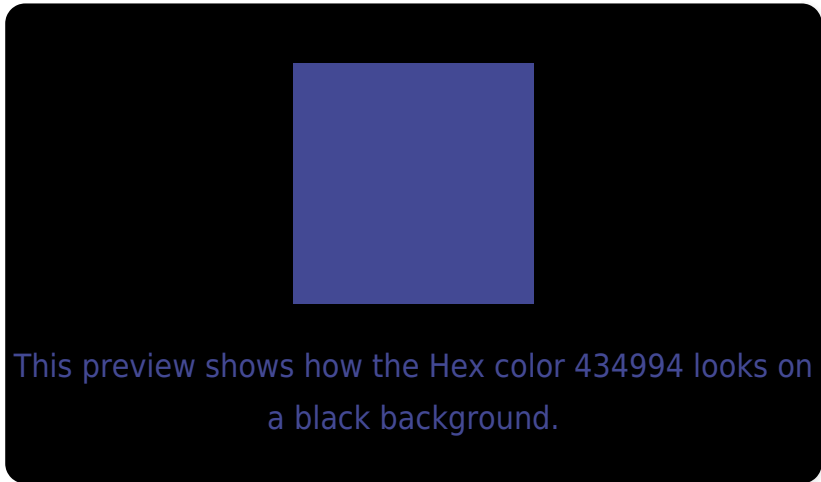
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

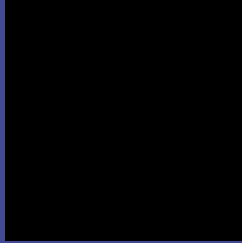
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 434994 Background



This preview shows how black text looks on a background with the Hex color 434994.

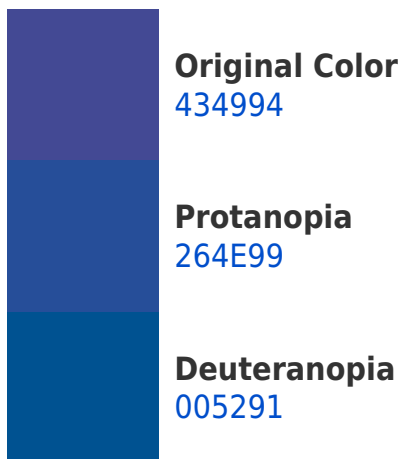


This preview shows how white text looks on a background with the Hex color 434994.

# Color Blindness Simulation

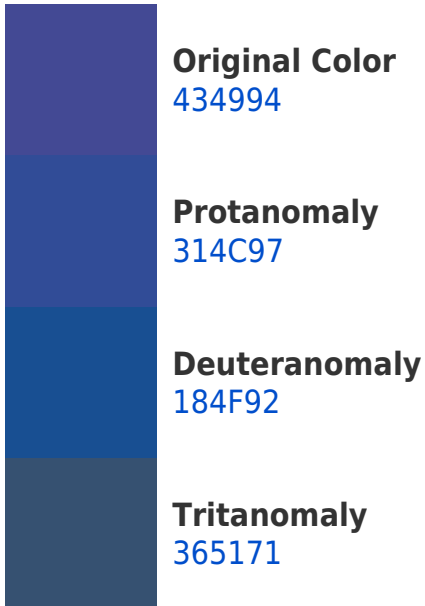
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 434994 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 #434994 looks like.

```
.text, #text, p{  
    color:#434994  
}
```

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 #434994 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #434994
}
```

## Border

The CSS property to change the border of an element to Hex 434994 is called "border". The border property can be set on classes, ids or directly on the HTML element.

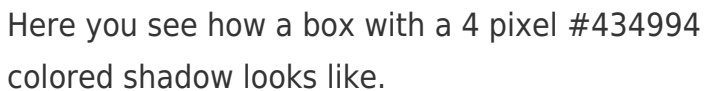
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#434994 }
```

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

```
.border{ border-color:#434994 }
```

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



Here you see how a box with a 4 pixel #434994 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #434994; -webkit-box-shadow:4px 4px  
4px 4px #434994; box-shadow:4px 4px 4px  
4px #434994 }
```

# Background

The CSS property to change the background color of an element to Hex 434994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#434994 }
```

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

```
.background{ background-color:#434994 }
```

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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