

Converting Colors

Hex(434696)

Have a look what the booklet for
Hex(434696) contains.

Hex(434696)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(434696)

Conversions

Conversions Part 1

Format	Color
Hex	434696
RGB	67, 70, 150
RGB Percent	26%, 27%, 59%
CMY	0.7373, 0.7255, 0.4118
CMYK	0.55, 0.53, 0.00, 0.41
HSL	238°, 38%, 43%
HSV	238°, 55%, 59%
XYZ	10.0099, 7.7756, 29.8274
YIQ	78.2230, -27.4680, 24.2440

Conversions

Conversions Part 2

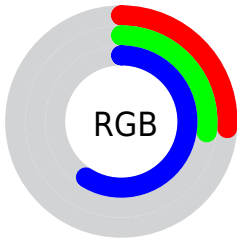
Format	Color
R_{YB}	67, 70, 150
Decimal	4408982
CIE _{Lab}	33.51, 22.71, -44.53
CIE _{LCh}	34, 49.985, 297.023
Yxy	7.7756, 0.2102, 0.1633
Android (android.graphics.Color)	4282599062 (0xFF434696)
YUV	78.2230, 35.3861, -9.8426
Hunter-Lab	27.8848, 15.2785, -43.9012

Details

The Hex color **434696** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **969343**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **7A76CD**, and **001B62** is the 20% darker color. If you saturate the color by 10%, you get **343896**, and if you desaturate by 10%, it is **525496**.

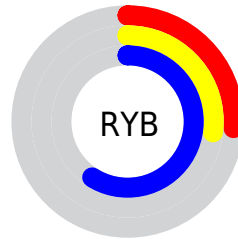
Distribution



Red (26%)

Green (27%)

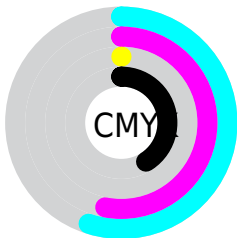
Blue (59%)



Red (26%)

Yellow (27%)

Blue (59%)

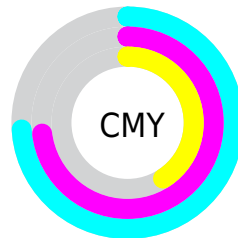


Cyan (55%)

Magenta (53%)

Yellow (0%)

Black (41%)



Cyan (74%)

Magenta (73%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 434696 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 434696 by changing the saturation by 10% instead.



434696



434696

FFFFFF



26307C



7A76CD



001B62



9590E9



00034A



B1A AFF



000433



CEC6FF



00021D



EBE2FF



000000

FFFEFF



434696



434696



343896



525496

■ 252996

■ 616396

■ 161B96

■ 707196

■ 070C96

■ 7F8096

■ 000596

■ 8E8E96

■ 9D9D96

■ ACAB96

■ BBBA96

■ CAC896

Harmonies

Analogous

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



00559E



434696



7A317B

Triad

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



434696



813B06



00604A

Complementary

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



434696



969343

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.



005D20



434696



634C00

Square

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



434696



92282E



3D5700



006072

Rectangle

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



434696



8C2562



3D5700



005F3C

Sweetspot

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



434696



A1A2C2



439692



4E4E61



E0E0E0



616161

Same Dimension

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



434696



4247C2



684396



43434A



00058A



00000A

Inverse Universe

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



964346



C24247



719643



4A4343



8A0005



0A0000

Previews

White Background



This preview shows how the Hex color 434696 looks on a white background.

Color Contrast Check

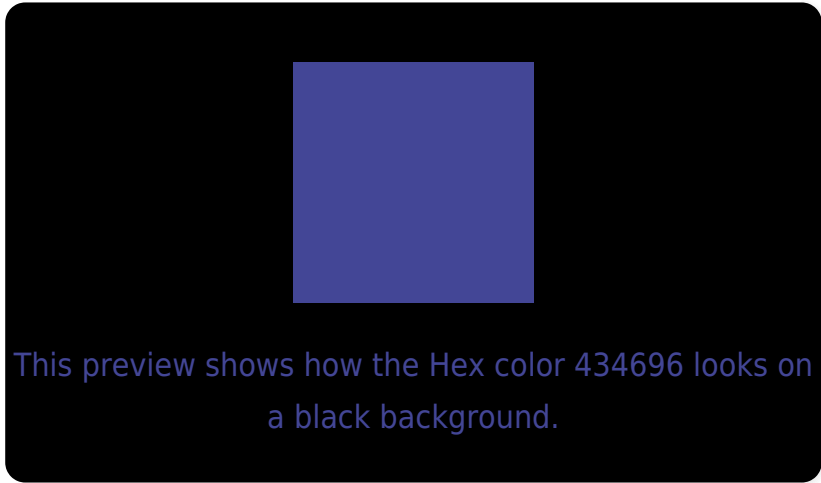
Large Text (above 18pt) WCAG AA ✓ Pass

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

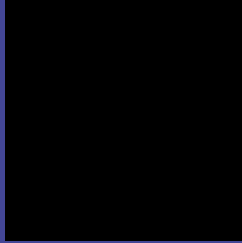
Any Text WCAG AA × Fail

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 434696 Background



This preview shows how black text looks on a background with the Hex color 434696.

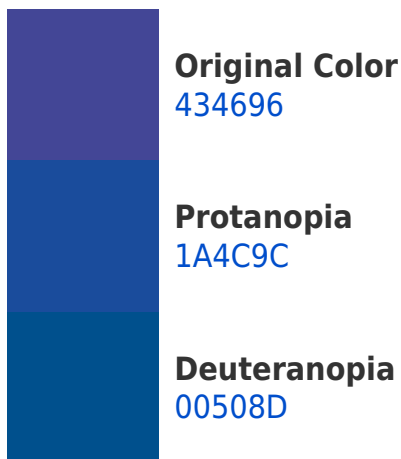


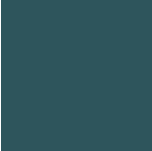
This preview shows how white text looks on a background with the Hex color 434696.

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](#).

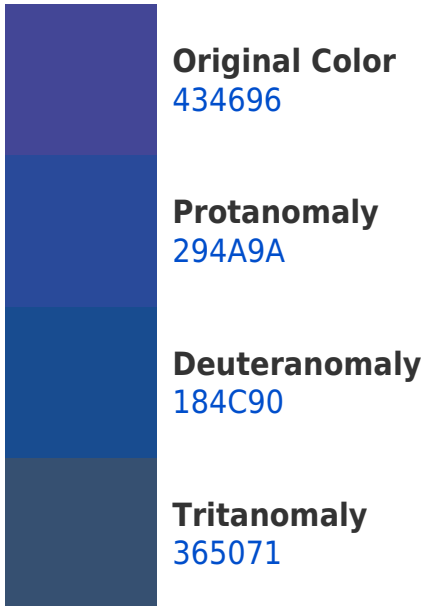
Dichromacy





Tritanopia
2E555C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 434696 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 #434696 looks like.

```
.text, #text, p{  
    color:#434696  
}
```

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 #434696 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #434696
}
```

Border

The CSS property to change the border of an element to Hex 434696 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
#434696 }
```

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

```
.border{ border-color:#434696 }
```

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

Here you see how a box with a 4 pixel #434696 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #434696; -webkit-box-shadow:4px 4px  
4px 4px #434696; box-shadow:4px 4px 4px  
4px #434696 }
```

Background

The CSS property to change the background color of an element to Hex 434696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#434696 }
```

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

```
.background{ background-color:#434696 }
```

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