

Converting Colors

Hex(4E5399)

Have a look what the booklet for
Hex(4E5399) contains.

Hex(4E5399)	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(4E5399)

Conversions

Conversions Part 1

Format	Color
Hex	4E5399
RGB	78, 83, 153
RGB Percent	31%, 33%, 60%
CMY	0.6941, 0.6745, 0.4000
CMYK	0.49, 0.46, 0.00, 0.40
HSL	236°, 32%, 45%
HSV	236°, 49%, 60%
XYZ	11.9849, 10.1061, 31.4560
YIQ	89.4850, -25.4500, 20.7100

Conversions

Conversions Part 2

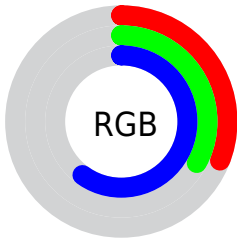
Format	Color
R_{YB}	78, 83, 153
Decimal	5133209
CIE _{Lab}	38.03, 17.83, -39.06
CIE _{LCh}	38, 42.933, 294.538
Yxy	10.1061, 0.2238, 0.1887
Android (android.graphics.Color)	4283323289 (0xFF4E5399)
YUV	89.4850, 31.3129, -10.0723
Hunter-Lab	31.7901, 11.6620, -36.4137

Details

The Hex color **4E5399** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **99944E**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **8384D0**, and **152765** is the 20% darker color. If you saturate the color by 10%, you get **3F4599**, and if you desaturate by 10%, it is **5D6199**.

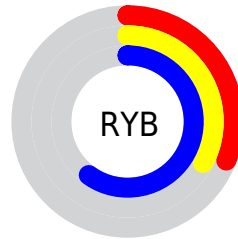
Distribution



Red (31%)

Green (33%)

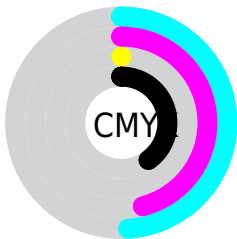
Blue (60%)



Red (31%)

Yellow (33%)

Blue (60%)

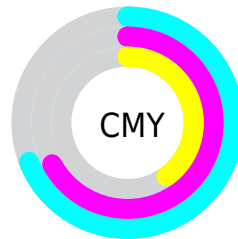


Cyan (49%)

Magenta (46%)

Yellow (0%)

Black (40%)



Cyan (69%)

Magenta (67%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E5399 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 4E5399 by changing the saturation by 10% instead.



4E5399



4E5399

FFFFFF



333C7F



8384D0



152765



9F9EEC



00134D



BBB9FF



000036



D7D5FF



00021F



F4F1FF



000003



000000



4E5399



4E5399



3F4599



5D6199

■ 2F3699

■ 6D7099

■ 202899

■ 7C7E99

■ 111A99

■ 8B8C99

■ 020C99

■ 9B9A99

■ 000A99

■ AAA999

■ B9B799

■ C8C599

■ D8D499

Harmonies

Analogous

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



005F9F



4E5399



7D4482

Triad

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



4E5399



8A4821



006A52

Complementary

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



4E5399



99944E

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.



20662F



4E5399



71560B

Square

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



4E5399



973B3F



4F6013



006A75

Rectangle

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



4E5399



8F3B6D



4F6013



006946

Sweetspot

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



4E5399



A9ABC7



4E9994



525363



E3E3E3



636363

Same Dimension

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



4E5399



5259C7



6F4E99



45454D



00098C



00010D

Inverse Universe

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



994E53



C75259



79994E



4D4545



8C0009



0D0001

Previews

White Background



This preview shows how the Hex color 4E5399 looks on a white background.

Color Contrast Check

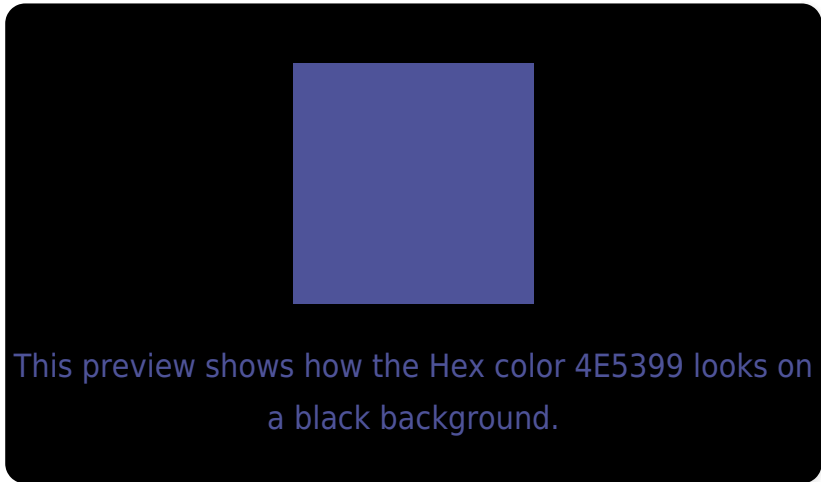
Large Text (above 18pt) WCAG AA ✓ Pass

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

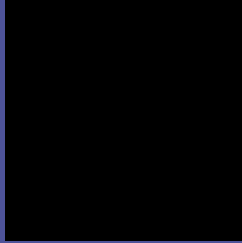
Any Text WCAG AA × Fail

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 4E5399 Background



This preview shows how black text looks on a background with the Hex color 4E5399.

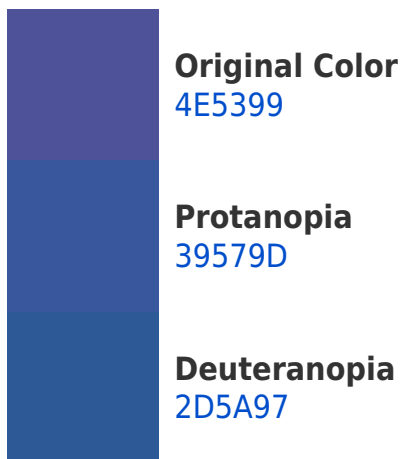


This preview shows how white text looks on a background with the Hex color 4E5399.

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
3F5F66

Trichromacy



Original Color
4E5399

Protanomaly
41569C

Deuteranomaly
395798

Tritanomaly
445B79

Monochromacy



Original Color
4E5399

Achromatopsia
595959

Achromatomaly
555770

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E5399 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 #4E5399 looks like.

```
.text, #text, p{  
    color:#4E5399  
}
```

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 #4E5399 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E5399
}
```

Border

The CSS property to change the border of an element to Hex 4E5399 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
#4E5399 }
```

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

```
.border{ border-color:#4E5399 }
```

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

Here you see how a box with a 4 pixel #4E5399 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E5399; -webkit-box-shadow:4px 4px  
4px 4px #4E5399; box-shadow:4px 4px 4px  
4px #4E5399 }
```

Background

The CSS property to change the background color of an element to Hex 4E5399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E5399 }
```

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

```
.background{ background-color:#4E5399 }
```

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