

Converting Colors

Hex(6E6299)

Have a look what the booklet for
Hex(6E6299) contains.

Hex(6E6299)	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(6E6299)

Conversions

Conversions Part 1

Format	Color
Hex	6E6299
RGB	110, 98, 153
RGB Percent	43%, 38%, 60%
CMY	0.5686, 0.6157, 0.4000
CMYK	0.28, 0.36, 0.00, 0.40
HSL	253°, 22%, 49%
HSV	253°, 36%, 60%
XYZ	16.5479, 14.3503, 32.0347
YIQ	107.8580, -10.5030, 19.6490

Conversions

Conversions Part 2

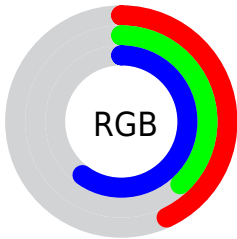
Format	Color
R_{YB}	110, 98, 153
Decimal	7234201
CIE _{Lab}	44.73, 17.42, -28.31
CIE _{LCh}	45, 33.242, 301.605
Yxy	14.3503, 0.2629, 0.2280
Android (android.graphics.Color)	4285424281 (0xFF6E6299)
YUV	107.8580, 22.2550, 1.8785
Hunter-Lab	37.8817, 11.6810, -23.6214

Details

The Hex color **6E6299** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8D9962**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **A395D0**, and **3C3366** is the 20% darker color. If you saturate the color by 10%, you get **625399**, and if you desaturate by 10%, it is **7A7199**.

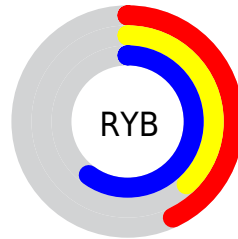
Distribution



Red (43%)

Green (38%)

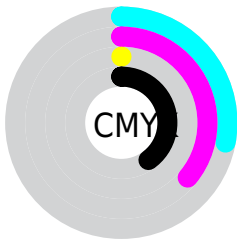
Blue (60%)



Red (43%)

Yellow (38%)

Blue (60%)

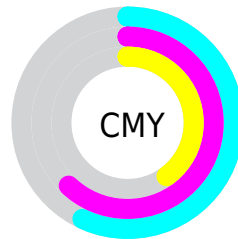


Cyan (28%)

Magenta (36%)

Yellow (0%)

Black (40%)



Cyan (57%)

Magenta (62%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E6299 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 6E6299 by changing the saturation by 10% instead.

6E6299

6E6299

FFFFFF

554A7F

A395D0

3C3366

BEAFEC

241E4D

DACBFF

0D0836

F7E7FF

000220

000005

000000

6E6299

6E6299

625399

7A7199

■ 564399

■ 868199

■ 4A3499

■ 929099

■ 3E2599

■ 9E9F99

■ 321599

■ AAAE99

■ 260699

■ B6BE99

■ 210099

■ C2CD99

■ CEDC99

■ DAEC99

Harmonies

Analogous

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



3E6CA1



6E6299



8D5885

Triad

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



6E6299



905F3A



00786A

Complementary

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



6E6299



8D9962

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.



39764E



6E6299



796931

Square

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



6E6299



9D564E



5D7139



007786

Rectangle

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



6E6299



995473



5D7139



157861

Sweetspot

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



6E6299



B6B1C7



628D99



595763



E3E3E3



636363

Same Dimension

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



6E6299



8471C7



896299



47454D



1F008C



03000D

Inverse Universe

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



99628D



C771B4



729962



4D454B



8C006E



0D000A

Previews

White Background



This preview shows how the Hex color 6E6299 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



This preview shows how the Hex color 6E6299 looks on a 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 6E6299 Background



This preview shows how black text looks on a background with the Hex color 6E6299.

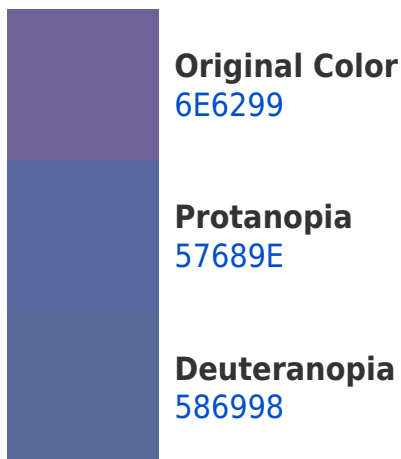


This preview shows how white text looks on a background with the Hex color 6E6299.

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
666A72

Trichromacy



Original Color
6E6299

Protanomaly
5F669C

Deuteranomaly
606698

Tritanomaly
696780

Monochromacy



Original Color
6E6299

Achromatopsia
6C6C6C

Achromatomaly
6D687C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E6299 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 #6E6299 looks like.

```
.text, #text, p{  
    color:#6E6299  
}
```

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 #6E6299 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E6299
}
```

Border

The CSS property to change the border of an element to Hex 6E6299 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".

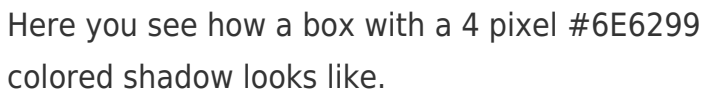
```
.border, #border, table{ border:4px solid
#6E6299 }
```

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

```
.border{ border-color:#6E6299 }
```

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

Here you see how a box with a 4 pixel #6E6299 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E6299; -webkit-box-shadow:4px 4px  
4px 4px #6E6299; box-shadow:4px 4px 4px  
4px #6E6299 }
```

Background

The CSS property to change the background color of an element to Hex 6E6299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E6299 }
```

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

```
.background{ background-color:#6E6299 }
```

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