

Converting Colors

Hex(6E59BB)

Have a look what the booklet for
Hex(6E59BB) contains.

Hex(6E59BB)	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(6E59BB)

Conversions

Conversions Part 1

Format	Color
Hex	6E59BB
RGB	110, 89, 187
RGB Percent	43%, 35%, 73%
CMY	0.5686, 0.6510, 0.2667
CMYK	0.41, 0.52, 0.00, 0.27
HSL	253°, 42%, 54%
HSV	253°, 52%, 73%
XYZ	18.9724, 14.0476, 48.7252
YIQ	106.4510, -18.9420, 34.9300

Conversions

Conversions Part 2

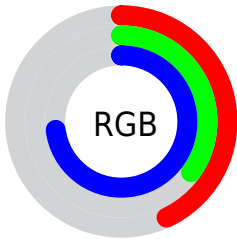
Format	Color
R_{YB}	110, 89, 187
Decimal	7231931
CIE _{Lab}	44.30, 32.29, -49.01
CIE _{LCh}	44, 58.693, 303.381
Yxy	14.0476, 0.2321, 0.1718
Android (android.graphics.Color)	4285422011 (0xFF6E59BB)
YUV	106.4510, 39.7107, 3.1125
Hunter-Lab	37.4801, 24.7664, -50.8425

Details

The Hex color **6E59BB** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A6BB59**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **A58CF4**, and **372A85** is the 20% darker color. If you saturate the color by 10%, you get **5F46BB**, and if you desaturate by 10%, it is **7D6CBB**.

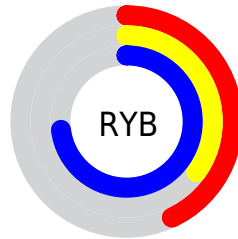
Distribution



Red (43%)

Green (35%)

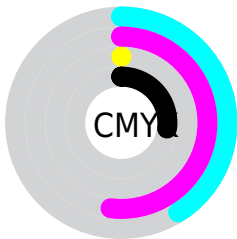
Blue (73%)



Red (43%)

Yellow (35%)

Blue (73%)

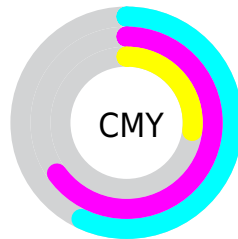


Cyan (41%)

Magenta (52%)

Yellow (0%)

Black (27%)



Cyan (57%)

Magenta (65%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E59BB 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 6E59BB by changing the saturation by 10% instead.



6E59BB



6E59BB

FFFFFF



5341A0



A58CF4



372A85



C2A6FF



17156B



DFC1FF



000052



FCDDFF



00003A



FFFAFF



000224



00000B



000000



6E59BB



6E59BB

■ 5F46BB

■ 7D6CBB

■ 5134BB

■ 8B7EBB

■ 4221BB

■ 9A91BB

■ 330EBB

■ A9A4BB

■ 2800BB

■ B7B7BB

■ C6C9BB

■ D5DCBB

■ E4EFBB

■ F2FFBB

Harmonies

Analogous

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



006DCB



6E59BB



A74095

Triad

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



6E59BB



A05503



007E6D

Complementary

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



6E59BB



A6BB59

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.



007C3A



6E59BB



7A6800

Square

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



6E59BB



B93E36



477501



007E9D

Rectangle

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



6E59BB



B93476



477501



007E5C

Sweetspot

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



6E59BB



D4CBF2



59A7BB



68637A



FAFAFA



7A7A7A

Same Dimension

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



6E59BB



7A5AF2



9E59BB



57555E



22009E



07001F

Inverse Universe

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



BB59A6



F25AD2



76BB59



5E555C



9E007C



1F0018

Previews

White Background



This preview shows how the Hex color 6E59BB 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 6E59BB Background



This preview shows how black text looks on a background with the Hex color 6E59BB.

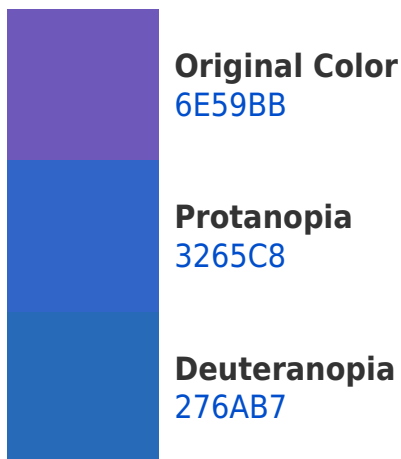


This preview shows how white text looks on a background with the Hex color 6E59BB.

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](#).

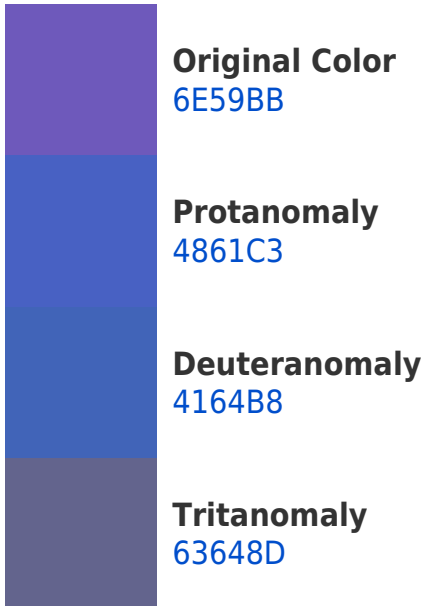
Dichromacy





Tritanopia
5D6B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6E59BB 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 #6E59BB looks like.

```
.text, #text, p{  
    color:#6E59BB  
}
```

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 #6E59BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E59BB
}
```

Border

The CSS property to change the border of an element to Hex 6E59BB is called "border". The border property can be set on classes, ids or directly on the HTML element.

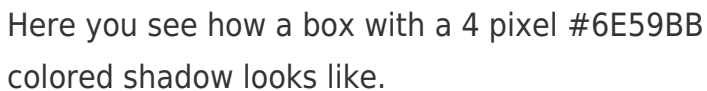
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E59BB }
```

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

```
.border{ border-color:#6E59BB }
```

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



Here you see how a box with a 4 pixel #6E59BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E59BB; -webkit-box-shadow:4px 4px  
4px 4px #6E59BB; box-shadow:4px 4px 4px  
4px #6E59BB }
```

Background

The CSS property to change the background color of an element to Hex 6E59BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E59BB }
```

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

```
.background{ background-color:#6E59BB }
```

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