

Converting Colors

Hex(6E489B)

Have a look what the booklet for
Hex(6E489B) contains.

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Color

Hex(6E489B)

Conversions

Conversions Part 1

Format	Color
Hex	6E489B
RGB	110, 72, 155
RGB Percent	43%, 28%, 61%
CMY	0.5686, 0.7176, 0.3922
CMYK	0.29, 0.54, 0.00, 0.39
HSL	267°, 37%, 45%
HSV	267°, 54%, 61%
XYZ	14.6642, 10.3163, 32.2287
YIQ	92.8240, -3.9950, 33.8690

Conversions

Conversions Part 2

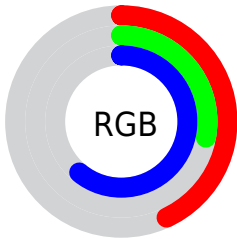
Format	Color
R_{YB}	110, 72, 155
Decimal	7227547
CIE _{Lab}	38.40, 33.67, -39.49
CIE _{LCh}	38, 51.893, 310.452
Yxy	10.3163, 0.2563, 0.1803
Android (android.graphics.Color)	4285417627 (0xFF6E489B)
YUV	92.8240, 30.6528, 15.0634
Hunter-Lab	32.1190, 25.2874, -37.0093

Details

The Hex color **6E489B** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **759B48**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **A47AD2**, and **3A1967** is the 20% darker color. If you saturate the color by 10%, you get **66399B**, and if you desaturate by 10%, it is **76589B**.

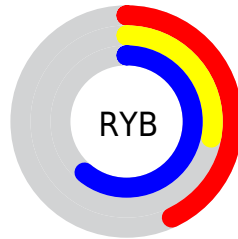
Distribution



Red (43%)

Green (28%)

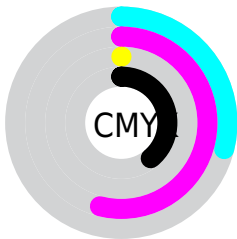
Blue (61%)



Red (43%)

Yellow (28%)

Blue (61%)

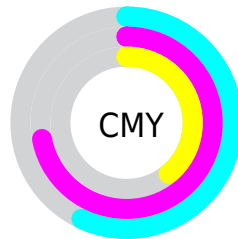


Cyan (29%)

Magenta (54%)

Yellow (0%)

Black (39%)



Cyan (57%)

Magenta (72%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E489B 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 6E489B by changing the saturation by 10% instead.

 6E489B

 6E489B

FFFFFF

 543081

 A47AD2

 3A1967

 C094EE

 21034F

 DCAFFF

 0A0037

 F9CAFF

 000221

 FFE7FF

 000005

 000000

 6E489B

 6E489B

 66399B

 76589B

5D299B

7F679B

551A9B

87779B

4C0A9B

90869B

47009B

98969B

A0A59B

A9B49B

B1C49B

BAD49B

Harmonies

Analogous

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



005BAE



6E489B



973378

Triad

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



6E489B



844E00



006D68

Complementary

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



6E489B



759B48

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.



006C3C



6E489B



605D00

Square

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



6E489B



9C3B26



316711



006C90

Rectangle

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



6E489B



A32C5C



316711



006D5A

Sweetspot

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



6E489B



B8A9C9



48769B



5B5366



E6E6E6



666666

Same Dimension

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



6E489B



8449C9



97489B



48454D



40008C



06000D

Inverse Universe

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



9B4875



C9498E



4C9B48



4D4549



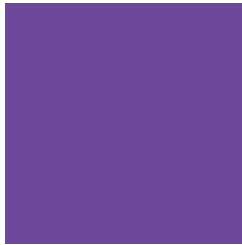
8C004C



0D0007

Previews

White Background



This preview shows how the Hex color 6E489B looks on a white background.

Color Contrast Check

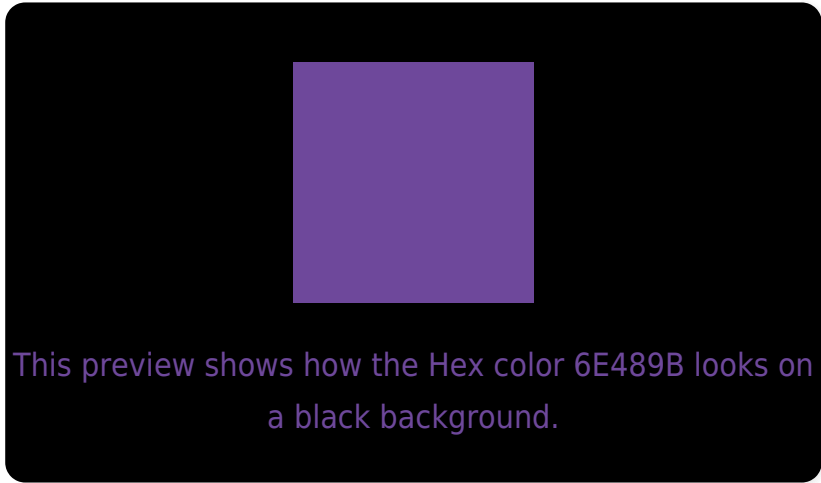
Large Text (above 18pt) WCAG AA ✓ Pass

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

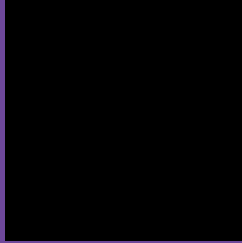
Any Text WCAG AA × Fail

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 6E489B Background



This preview shows how black text looks on a background with the Hex color 6E489B.

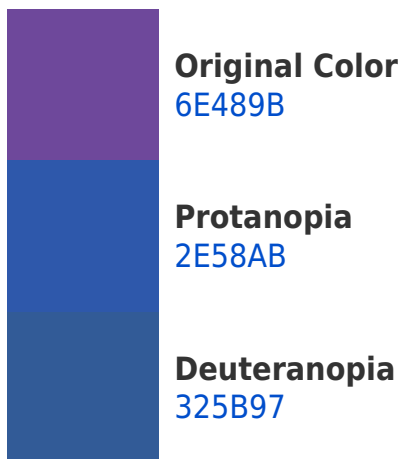


This preview shows how white text looks on a background with the Hex color 6E489B.

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
63575E

Trichromacy



Original Color
6E489B

Protanomaly
4552A5

Deuteranomaly
485498

Tritanomaly
675274

Monochromacy



Original Color
6E489B

Achromatopsia
5D5D5D

Achromatomaly
635574

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E489B 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 #6E489B looks like.

```
.text, #text, p{  
    color:#6E489B  
}
```

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 #6E489B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E489B  
}
```

Border

The CSS property to change the border of an element to Hex 6E489B is called "border". The border property can be set on classes, ids or directly on the HTML element.

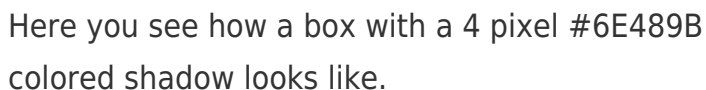
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6E489B }
```

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

```
.border{ border-color:#6E489B }
```

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



Here you see how a box with a 4 pixel #6E489B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E489B; -webkit-box-shadow:4px 4px  
4px 4px #6E489B; box-shadow:4px 4px 4px  
4px #6E489B }
```

Background

The CSS property to change the background color of an element to Hex 6E489B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E489B }
```

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

```
.background{ background-color:#6E489B }
```

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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