

Converting Colors

Hex(6E178A)

Have a look what the booklet for
Hex(6E178A) contains.

Hex(6E178A)	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(6E178A)

Conversions

Conversions Part 1

Format	Color
Hex	6E178A
RGB	110, 23, 138
RGB Percent	43%, 9%, 54%
CMY	0.5686, 0.9098, 0.4588
CMYK	0.20, 0.83, 0.00, 0.46
HSL	285°, 71%, 32%
HSV	285°, 83%, 54%
XYZ	11.3242, 5.7628, 24.5602
YIQ	62.1230, 14.9370, 54.2090

Conversions

Conversions Part 2

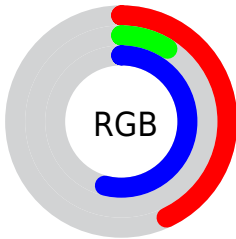
Format	Color
R_{YB}	110, 23, 138
Decimal	7214986
CIE _{Lab}	28.81, 52.90, -44.49
CIE _{LCh}	29, 69.128, 319.935
Yxy	5.7628, 0.2719, 0.1384
Android (android.graphics.Color)	4285405066 (0xFF6E178A)
YUV	62.1230, 37.4074, 41.9881
Hunter-Lab	24.0058, 42.1938, -43.8554

Details

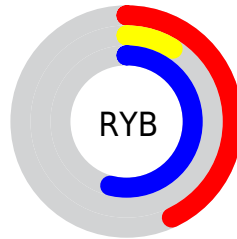
The Hex color **6E178A** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **338A17**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **A54FC0**, and **390057** is the 20% darker color. If you saturate the color by 10%, you get **6B098A**, and if you desaturate by 10%, it is **71258A**.

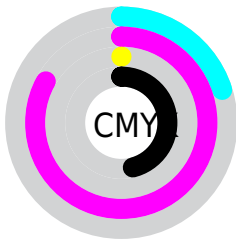
Distribution



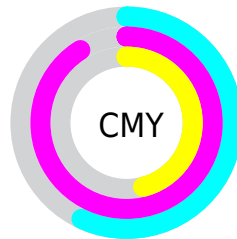
- Red (43%)
- Green (9%)
- Blue (54%)



- Red (43%)
- Yellow (9%)
- Blue (54%)



- Cyan (20%)
- Magenta (83%)
- Yellow (0%)
- Black (46%)



- Cyan (57%)
- Magenta (91%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E178A 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 6E178A by changing the saturation by 10% instead.

6E178A

6E178A

FFFFFF

530070

A54FC0

390057

C26ADC

22003F

DE84F9

000028

FCA0FF

000112

FFBCFF

000000

FFD8FF

FFF5FF

6E178A

6E178A

■ 6B098A

■ 71258A

■ 68008A

■ 75338A

■ 78408A

■ 7B4E8A

■ 7F5C8A

■ 826A8A

■ 86788A

■ 89858A

■ 8C938A

Harmonies

Analogous

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



003FAB



6E178A



950058

Triad

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



6E178A



633B00



005867

Complementary

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



6E178A



338A17

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.



00572F



6E178A



324C00

Square

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



6E178A



871800



005400



005796

Rectangle

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



6E178A



9C0035



005400



005855

Sweetspot

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



6E178A



A886B3



17348A



533E59



D9D9D9



595959

Same Dimension

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



6E178A



8700B3



8A176D



433E45



640085



040005

Inverse Universe

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



8A1733



B3002B



178A34



453E40



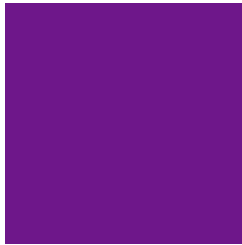
850020



050001

Previews

White Background



This preview shows how the Hex color 6E178A looks on a white background.

Color Contrast Check

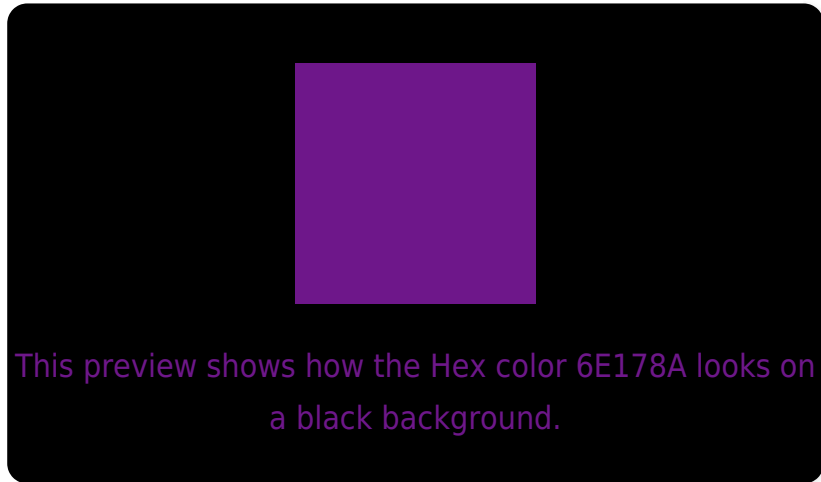
Large Text (above 18pt) WCAG AA ✓ Pass

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

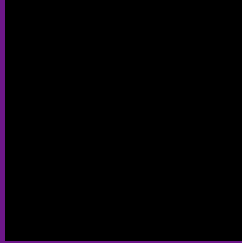
Any Text WCAG AA × Fail

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 6E178A Background



This preview shows how black text looks on a background with the Hex color 6E178A.




This preview shows how white text looks on a background with the Hex color 6E178A.

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](#).

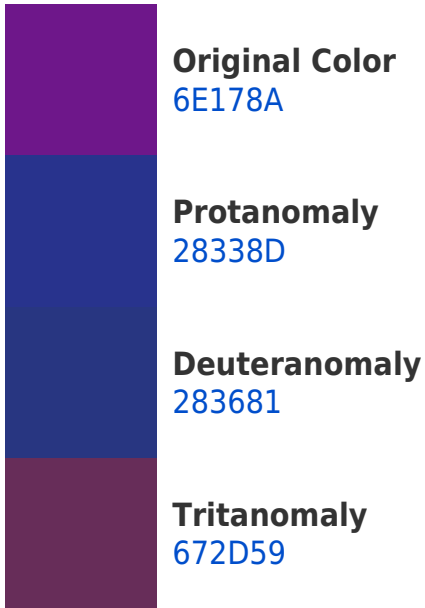
Dichromacy





Tritanopia
63393D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6E178A 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 #6E178A looks like.

```
.text, #text, p{  
    color:#6E178A  
}
```

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 #6E178A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E178A
}
```

Border

The CSS property to change the border of an element to Hex 6E178A is called "border". The border property can be set on classes, ids or directly on the HTML element.

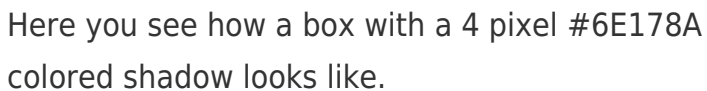
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E178A }
```

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

```
.border{ border-color:#6E178A }
```

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



Here you see how a box with a 4 pixel #6E178A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E178A; -webkit-box-shadow:4px 4px  
4px 4px #6E178A; box-shadow:4px 4px 4px  
4px #6E178A }
```

Background

The CSS property to change the background color of an element to Hex 6E178A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E178A }
```

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

```
.background{ background-color:#6E178A }
```

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