

Converting Colors

Hex(6D118A)

Have a look what the booklet for
Hex(6D118A) contains.

Hex(6D118A)	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(6D118A)

Conversions

Conversions Part 1

Format	Color
Hex	6D118A
RGB	109, 17, 138
RGB Percent	43%, 7%, 54%
CMY	0.5725, 0.9333, 0.4588
CMYK	0.21, 0.88, 0.00, 0.46
HSL	286°, 78%, 30%
HSV	286°, 88%, 54%
XYZ	11.0946, 5.4871, 24.5191
YIQ	58.3020, 15.9910, 57.1350

Conversions

Conversions Part 2

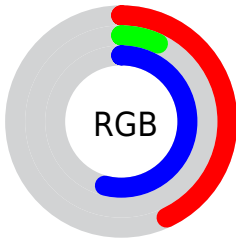
Format	Color
RYB	109, 17, 138
Decimal	7147914
CIELab	28.08, 54.36, -45.68
CIElCh	28, 71.004, 319.960
Yxy	5.4871, 0.2699, 0.1335
Android (android.graphics.Color)	4285337994 (0xFF6D118A)
YUV	58.3020, 39.2911, 44.4621
Hunter-Lab	23.4245, 43.5501, -45.6634

Details

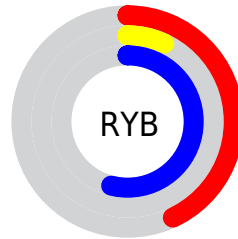
The Hex color **6D118A** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **2E8A11**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **A44CC0**, and **370057** is the 20% darker color. If you saturate the color by 10%, you get **6A038A**, and if you desaturate by 10%, it is **701F8A**.

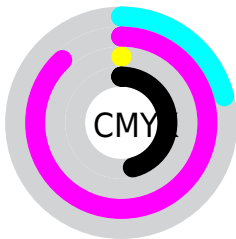
Distribution



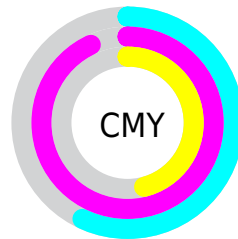
- Red (43%)
- Green (7%)
- Blue (54%)



- Red (43%)
- Yellow (7%)
- Blue (54%)



- Cyan (21%)
- Magenta (88%)
- Yellow (0%)
- Black (46%)



- Cyan (57%)
- Magenta (93%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D118A 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 6D118A by changing the saturation by 10% instead.

 6D118A

 6D118A

FFFFFF

 520070

 A44CC0

 370057

 C166DC

 20003F

 DE81F9

 000028

 FB9DFF

 000112

 FFB8FF

 000000

 FFD5FF

 FFF2FF

 6D118A

 6D118A

■ 6A038A

■ 701F8A

■ 69008A

■ 742D8A

■ 773A8A

■ 7A488A

■ 7E568A

■ 81648A

■ 84728A

■ 877F8A

■ 8B8D8A

Harmonies

Analogous

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



003DAC



6D118A



950057

Triad

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



6D118A



613A00



005767

Complementary

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



6D118A



2E8A11

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.



00552D



6D118A



2F4A00

Square

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



6D118A



861300



005200



005697

Rectangle

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



6D118A



9C0033



005200



005654

Sweetspot

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



6D118A



A784B3



112F8A



533E59



D9D9D9



595959

Same Dimension

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



6D118A



8800B3



8A116C



433E45



650085



040005

Inverse Universe

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



8A112E



B3002B



118A2F



453E40



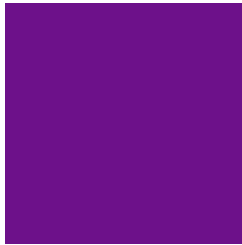
850020



050001

Previews

White Background



This preview shows how the Hex color 6D118A looks on a white background.

Color Contrast Check

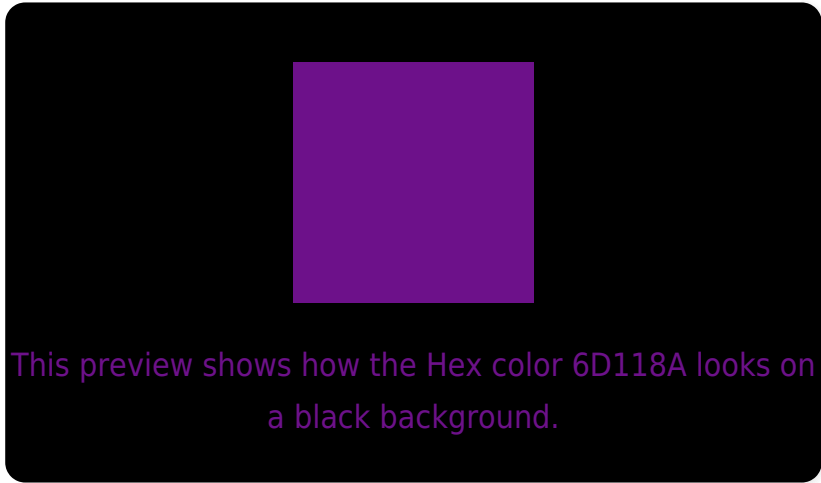
Large Text (above 18pt) WCAG AA ✓ Pass

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

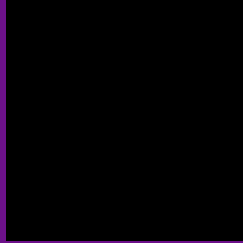
Any Text WCAG AA × Fail

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 6D118A Background



This preview shows how black text looks on a background with the Hex color 6D118A.



This preview shows how white text looks on a background with the Hex color 6D118A.

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



Original Color
6D118A

Protanopia
00428B

Deuteranopia
00467A



Tritanopia
62383C

Trichromacy



Original Color
6D118A

Protanomaly
28308B

Deuteranomaly
283380

Tritanomaly
662A58

Monochromacy



Original Color
6D118A

Achromatopsia
3A3A3A

Achromatomaly
4D2B57

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D118A 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 #6D118A looks like.

```
.text, #text, p{  
    color:#6D118A  
}
```

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 #6D118A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D118A
}
```

Border

The CSS property to change the border of an element to Hex 6D118A is called "border". The border property can be set on classes, ids or directly on the HTML element.

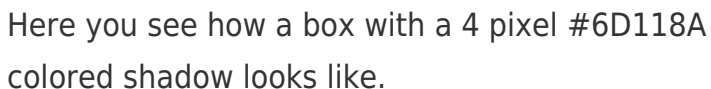
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D118A }
```

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

```
.border{ border-color:#6D118A }
```

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



Here you see how a box with a 4 pixel #6D118A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D118A; -webkit-box-shadow:4px 4px  
4px 4px #6D118A; box-shadow:4px 4px 4px  
4px #6D118A }
```

Background

The CSS property to change the background color of an element to Hex 6D118A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D118A }
```

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

```
.background{ background-color:#6D118A }
```

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