

Converting Colors

Hex(61118D)

Have a look what the booklet for
Hex(61118D) contains.

Hex(61118D)	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(61118D)

Conversions

Conversions Part 1

Format	Color
Hex	61118D
RGB	97, 17, 141
RGB Percent	38%, 7%, 55%
CMY	0.6196, 0.9333, 0.4471
CMYK	0.31, 0.88, 0.00, 0.45
HSL	279°, 78%, 31%
HSV	279°, 88%, 55%
XYZ	9.9379, 4.8654, 25.6146
YIQ	55.0560, 7.8760, 55.5240

Conversions

Conversions Part 2

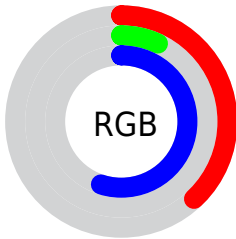
Format	Color
RYB	97, 17, 141
Decimal	6361485
CIELab	26.35, 53.02, -50.45
CIElCh	26, 73.187, 316.423
Yxy	4.8654, 0.2459, 0.1204
Android (android.graphics.Color)	4284551565 (0xFF61118D)
YUV	55.0560, 42.3704, 36.7849
Hunter-Lab	22.0576, 41.8215, -53.4109

Details

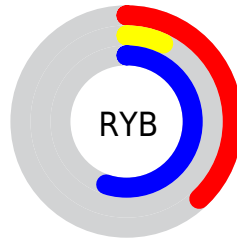
The Hex color **61118D** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **3D8D11**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **984AC4**, and **2A005A** is the 20% darker color. If you saturate the color by 10%, you get **5C038D**, and if you desaturate by 10%, it is **661F8D**.

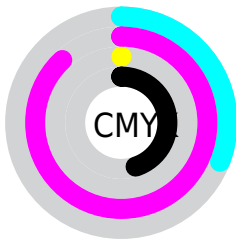
Distribution



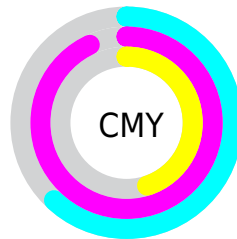
- Red (38%)
- Green (7%)
- Blue (55%)



- Red (38%)
- Yellow (7%)
- Blue (55%)



- Cyan (31%)
- Magenta (88%)
- Yellow (0%)
- Black (45%)



- Cyan (62%)
- Magenta (93%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61118D 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 61118D by changing the saturation by 10% instead.

61118D

61118D

FFFFFF

460073

984AC4

2A005A

B464E0

0E0041

D17FFD

00032A

EF9AFF

000114

FFB6FF

000000

FFD2FF

FFEFFF

61118D

61118D

■ 5C038D

■ 661F8D

■ 5B008D

■ 6B2D8D

■ 703B8D

■ 75498D

■ 7A588D

■ 7F668D

■ 84748D

■ 89828D

■ 8E908D

Harmonies

Analogous

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



003DAD



61118D



90005A

Triad

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



61118D



623300



00535D

Complementary

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



61118D



3D8D11

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.



005122



61118D



304500

Square

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



61118D



860000



004E00



005390

Rectangle

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



61118D



990036



004E00



00524A

Sweetspot

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



61118D



A788B8



113E8D



523F5C



DBDBDB



5C5C5C

Same Dimension

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



61118D



7600B8



8D117C



454047



570087



050008

Inverse Universe

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



8D113D



B80041



118D22



474043



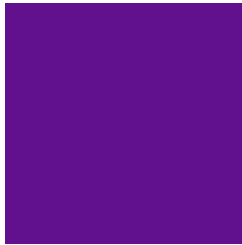
870030



080003

Previews

White Background



This preview shows how the Hex color 61118D looks on a white background.

Color Contrast Check

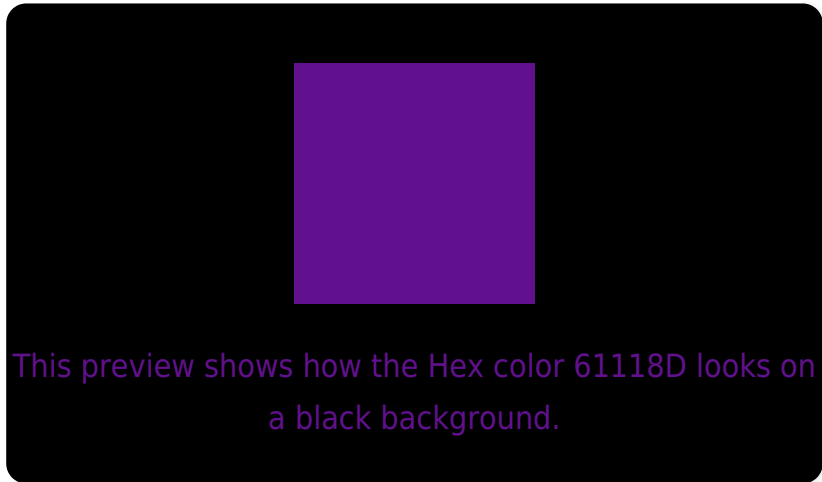
Large Text (above 18pt) WCAG AA ✓ Pass

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

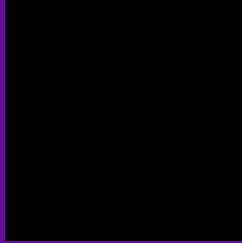
Any Text WCAG AA × Fail

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 61118D Background



This preview shows how black text looks on a background with the Hex color 61118D.



This preview shows how white text looks on a background with the Hex color 61118D.

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
61118D

Protanopia
003E82

Deuteranopia
004271



Tritanopia
53393D

Trichromacy



Original Color
61118D



Protanomaly
232E86



Deuteranomaly
23307B



Tritanomaly
582A5A

Monochromacy



Original Color
61118D



Achromatopsia
373737



Achromatomaly
462956

CSS Examples

Text

The CSS property to change the color of the text to Hex 61118D 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 #61118D looks like.

```
.text, #text, p{  
    color:#61118D  
}
```

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 #61118D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61118D
}
```

Border

The CSS property to change the border of an element to Hex 61118D is called "border". The border property can be set on classes, ids or directly on the HTML element.

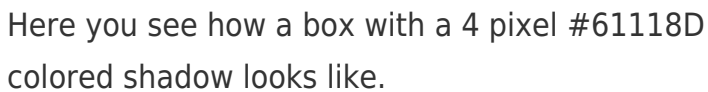
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#61118D }
```

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

```
.border{ border-color:#61118D }
```

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



Here you see how a box with a 4 pixel #61118D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61118D; -webkit-box-shadow:4px 4px  
4px 4px #61118D; box-shadow:4px 4px 4px  
4px #61118D }
```

Background

The CSS property to change the background color of an element to Hex 61118D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61118D }
```

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

```
.background{ background-color:#61118D }
```

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