

Converting Colors

Hex(6B2178)

Have a look what the booklet for
Hex(6B2178) contains.

Hex(6B2178)	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(6B2178)

Conversions

Conversions Part 1

Format	Color
Hex	6B2178
RGB	107, 33, 120
RGB Percent	42%, 13%, 47%
CMY	0.5804, 0.8706, 0.5294
CMYK	0.11, 0.72, 0.00, 0.53
HSL	291°, 57%, 30%
HSV	291°, 72%, 47%
XYZ	9.9974, 5.5696, 18.3174
YIQ	65.0440, 16.1770, 42.7450

Conversions

Conversions Part 2

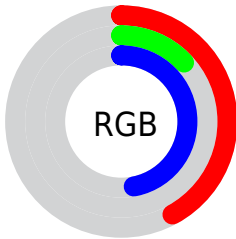
Format	Color
R_{YB}	107, 33, 120
Decimal	7020920
CIE _{Lab}	28.30, 45.08, -34.03
CIE _{LCh}	28, 56.479, 322.950
Yxy	5.5696, 0.2950, 0.1644
Android (android.graphics.Color)	4285211000 (0xFF6B2178)
YUV	65.0440, 27.0933, 36.7954
Hunter-Lab	23.6000, 34.3163, -29.4987

Details

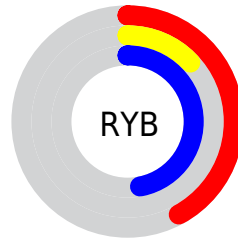
The Hex color **6B2178** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2E7821**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **A155AD**, and **380047** is the 20% darker color. If you saturate the color by 10%, you get **691578**, and if you desaturate by 10%, it is **6D2D78**.

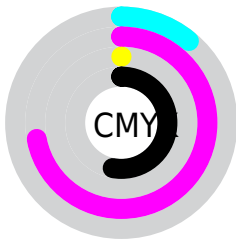
Distribution



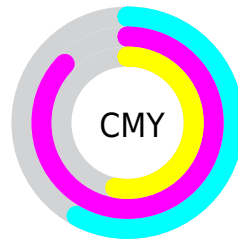
- Red (42%)
- Green (13%)
- Blue (47%)



- Red (42%)
- Yellow (13%)
- Blue (47%)



- Cyan (11%)
- Magenta (72%)
- Yellow (0%)
- Black (53%)



- Cyan (58%)
- Magenta (87%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B2178 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 6B2178 by changing the saturation by 10% instead.

 6B2178

 6B2178

FFFFFF

 51015F

 A155AD

 380047

 BD6FC8

 220030

 D989E5

 00011A

 F7A4FF

 000000

 FFC0FF

 FFD0FF

 FFF9FF

 6B2178

 6B2178

691578

6D2D78

670978

6F3978

660078

704578

725178

745D78

766978

787578

798178

7B8D78

Harmonies

Analogous

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



173C94



6B2178



88004F

Triad

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



6B2178



5B3D00



005564

Complementary

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



6B2178



2E7821

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.



005437



6B2178



334A00

Square

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



6B2178



7A2700



005103



005388

Rectangle

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



6B2178



8C0032



005103



005555

Sweetspot

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



6B2178



96799C



212E78



4C3A4F



CFCFCF



4F4F4F

Same Dimension

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



6B2178



87149C



78215A



3C373D



6A007D



D700FC

Inverse Universe

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



78212E



9C1428



21783F



3D3738



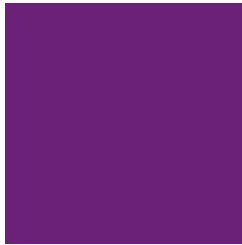
7D0013



FC0026

Previews

White Background



This preview shows how the Hex color 6B2178 looks on a white background.

Color Contrast Check

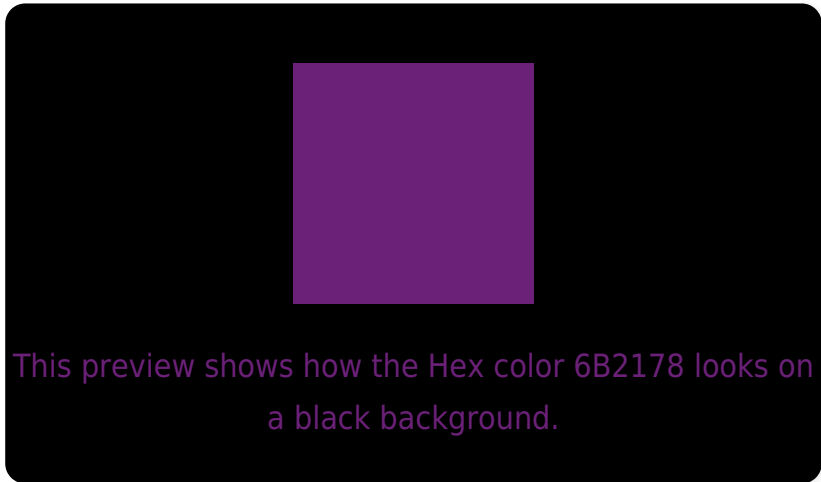
Large Text (above 18pt) WCAG AA ✓ Pass

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

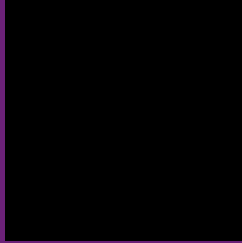
Any Text WCAG AA × Fail

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 6B2178 Background



This preview shows how black text looks on a background with the Hex color 6B2178.

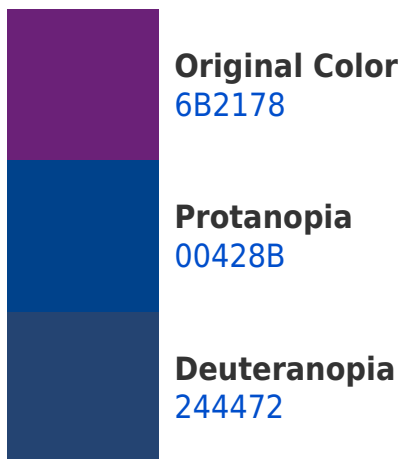


This preview shows how white text looks on a background with the Hex color 6B2178.

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](#).

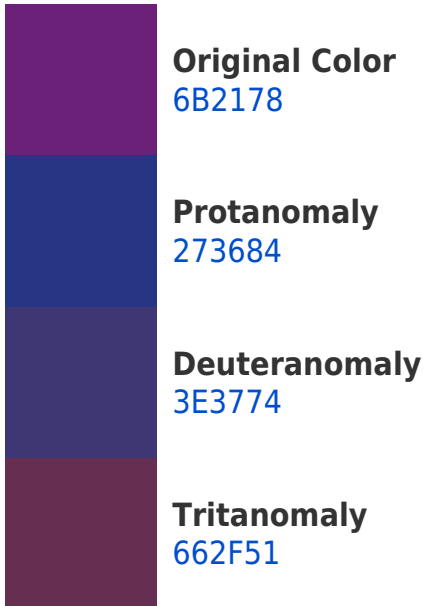
Dichromacy



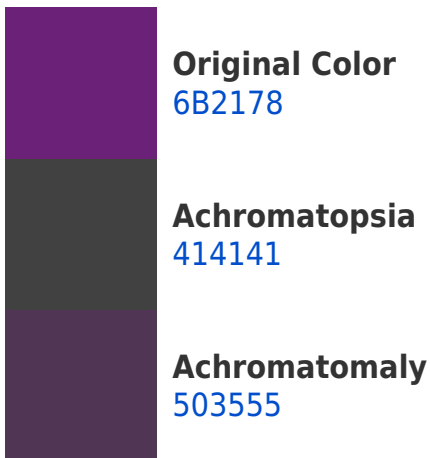


Tritanopia
63373B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6B2178 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 #6B2178 looks like.

```
.text, #text, p{  
    color:#6B2178  
}
```

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 #6B2178 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B2178
}
```

Border

The CSS property to change the border of an element to Hex 6B2178 is called "border". The border property can be set on classes, ids or directly on the HTML element.

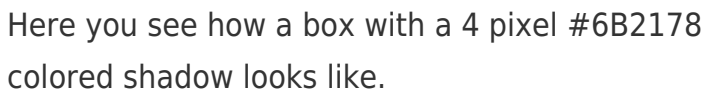
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B2178 }
```

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

```
.border{ border-color:#6B2178 }
```

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



Here you see how a box with a 4 pixel #6B2178 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B2178; -webkit-box-shadow:4px 4px  
4px 4px #6B2178; box-shadow:4px 4px 4px  
4px #6B2178 }
```

Background

The CSS property to change the background color of an element to Hex 6B2178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B2178 }
```

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

```
.background{ background-color:#6B2178 }
```

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