

Converting Colors

Hex(6A2F7A)

Have a look what the booklet for
Hex(6A2F7A) contains.

Hex(6A2F7A)	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(6A2F7A)

Conversions

Conversions Part 1

Format	Color
Hex	6A2F7A
RGB	106, 47, 122
RGB Percent	42%, 18%, 48%
CMY	0.5843, 0.8157, 0.5216
CMYK	0.13, 0.61, 0.00, 0.52
HSL	287°, 44%, 33%
HSV	287°, 61%, 48%
XYZ	10.4732, 6.5023, 19.1154
YIQ	73.1910, 11.0890, 35.8330

Conversions

Conversions Part 2

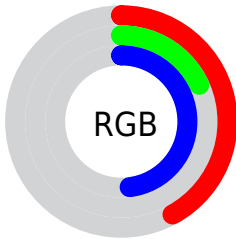
Format	Color
R_{YB}	106, 47, 122
Decimal	6958970
CIE _{Lab}	30.65, 38.65, -31.56
CIE _{LCh}	31, 49.900, 320.762
Yxy	6.5023, 0.2902, 0.1802
Android (android.graphics.Color)	4285149050 (0xFF6A2F7A)
YUV	73.1910, 24.0628, 28.7735
Hunter-Lab	25.4997, 28.6890, -26.5960

Details

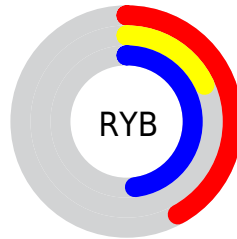
The Hex color **6A2F7A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3F7A2F**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **9F61AF**, and **380049** is the 20% darker color. If you saturate the color by 10%, you get **67237A**, and if you desaturate by 10%, it is **6D3B7A**.

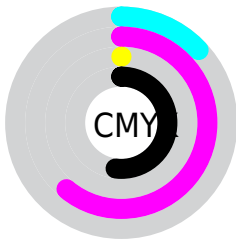
Distribution



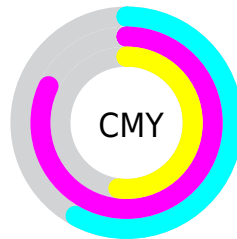
- Red (42%)
- Green (18%)
- Blue (48%)



- Red (42%)
- Yellow (18%)
- Blue (48%)



- Cyan (13%)
- Magenta (61%)
- Yellow (0%)
- Black (52%)



- Cyan (58%)
- Magenta (82%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A2F7A 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 6A2F7A by changing the saturation by 10% instead.

6A2F7A

6A2F7A

FFFFFF

501661

9F61AF

380049

BB7ACA

230032

D795E7

00011C

F4B0FF

000000

FFCCFF

FFE8FF

6A2F7A

6A2F7A

67237A

6D3B7A

65177A

6F477A

620A7A

72547A

60007A

74607A

776C7A

7A787A

7C847A

7F917A

819D7A

Harmonies

Analogous

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



254392



6A2F7A



861A56

Triad

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



6A2F7A



634200



005963

Complementary

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



6A2F7A



3F7A2F

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.



00583A



6A2F7A



3F4E00

Square

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



6A2F7A



7D3008



005510



005784

Rectangle

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



6A2F7A



8C173C



005510



005956

Sweetspot

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



6A2F7A



98829E



2F3F7A



4B3E4F



CFCFCF



4F4F4F

Same Dimension

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



6A2F7A



85299E



7A2F65



3C373D



62007D



C700FC

Inverse Universe

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



7A2F3F



9E2942



2F7A44



3D3738



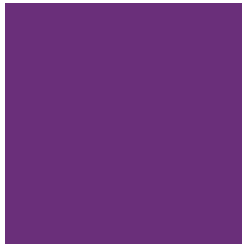
7D001B



FC0036

Previews

White Background



This preview shows how the Hex color 6A2F7A 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

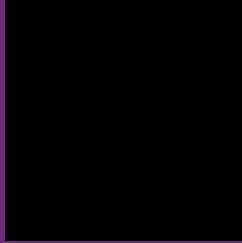
Any Text WCAG AA × Fail

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 6A2F7A Background



This preview shows how black text looks on a background with the Hex color 6A2F7A.

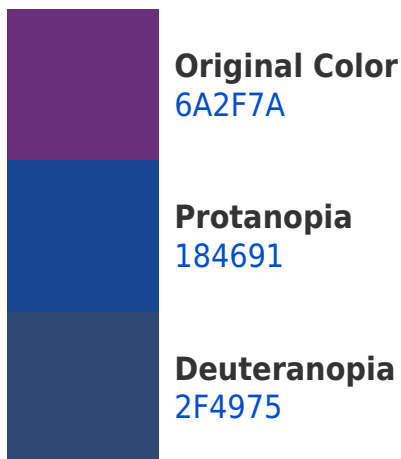


This preview shows how white text looks on a background with the Hex color 6A2F7A.

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
623F43

Trichromacy



Original Color
6A2F7A



Protanomaly
363E89



Deuteranomaly
444077



Tritanomaly
653957

Monochromacy



Original Color
6A2F7A



Achromatopsia
494949



Achromatomaly
55405B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A2F7A 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 #6A2F7A looks like.

```
.text, #text, p{  
    color:#6A2F7A  
}
```

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 #6A2F7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A2F7A
}
```

Border

The CSS property to change the border of an element to Hex 6A2F7A is called "border". The border property can be set on classes, ids or directly on the HTML element.

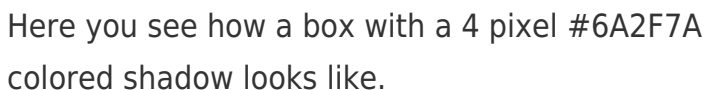
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A2F7A }
```

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

```
.border{ border-color:#6A2F7A }
```

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



Here you see how a box with a 4 pixel #6A2F7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A2F7A; -webkit-box-shadow:4px 4px  
4px 4px #6A2F7A; box-shadow:4px 4px 4px  
4px #6A2F7A }
```

Background

The CSS property to change the background color of an element to Hex 6A2F7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A2F7A }
```

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

```
.background{ background-color:#6A2F7A }
```

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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