

Converting Colors

Hex(6A4A98)

Have a look what the booklet for
Hex(6A4A98) contains.

Hex(6A4A98)	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(6A4A98)

Conversions

Conversions Part 1

Format	Color
Hex	6A4A98
RGB	106, 74, 152
RGB Percent	42%, 29%, 60%
CMY	0.5843, 0.7098, 0.4039
CMYK	0.30, 0.51, 0.00, 0.40
HSL	265°, 35%, 44%
HSV	265°, 51%, 60%
XYZ	14.0601, 10.2287, 30.9391
YIQ	92.4600, -5.9660, 31.0420

Conversions

Conversions Part 2

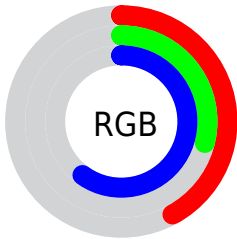
Format	Color
R _Y B	106, 74, 152
Decimal	6965912
CIE Lab	38.25, 30.60, -37.95
CIE LCh	38, 48.751, 308.879
Yxy	10.2287, 0.2546, 0.1852
Android (android.graphics.Color)	4285155992 (0xFF6A4A98)
YUV	92.4600, 29.3532, 11.8746
Hunter-Lab	31.9824, 22.5032, -34.9682

Details

The Hex color **6A4A98** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **78984A**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **9F7CCF**, and **371C64** is the 20% darker color. If you saturate the color by 10%, you get **613B98**, and if you desaturate by 10%, it is **735998**.

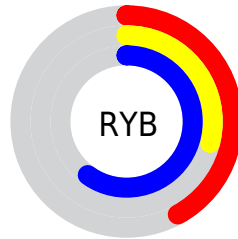
Distribution



Red (42%)

Green (29%)

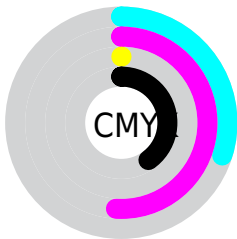
Blue (60%)



Red (42%)

Yellow (29%)

Blue (60%)

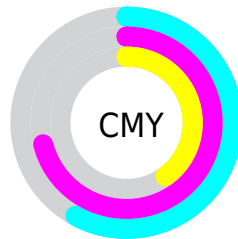


Cyan (30%)

Magenta (51%)

Yellow (0%)

Black (40%)



Cyan (58%)

Magenta (71%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A4A98 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 6A4A98 by changing the saturation by 10% instead.

6A4A98

6A4A98

FFFFFF

50337E

9F7CCF

371C64

BB96EB

1D064C

D8B1FF

050035

F4CCFF

00021F

FFE9FF

000001

000000

6A4A98

6A4A98

613B98

735998

■ 582C98

■ 7C6898

■ 4F1C98

■ 857898

■ 460D98

■ 8E8798

■ 3E0098

■ 979698

■ A0A598

■ A9B498

■ B2C498

■ BBD398

Harmonies

Analogous

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



005BA9



6A4A98



923877

Triad

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



6A4A98



834E06



006C65

Complementary

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



6A4A98



78984A

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.



006A3C



6A4A98



625C00

Square

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



6A4A98



993C2A



376515



006B8B

Rectangle

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



6A4A98



9E315D



376515



006C57

Sweetspot

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



6A4A98



B3A7C4



4A7998



595263



E3E3E3



636363

Same Dimension

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



6A4A98



7D4BC4



904A98



48454D



3A008C



05000D

Inverse Universe

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



984A78



C44B92



52984A



4D4549



8C0053



0D0008

Previews

White Background



This preview shows how the Hex color 6A4A98 looks on a white background.

Color Contrast Check

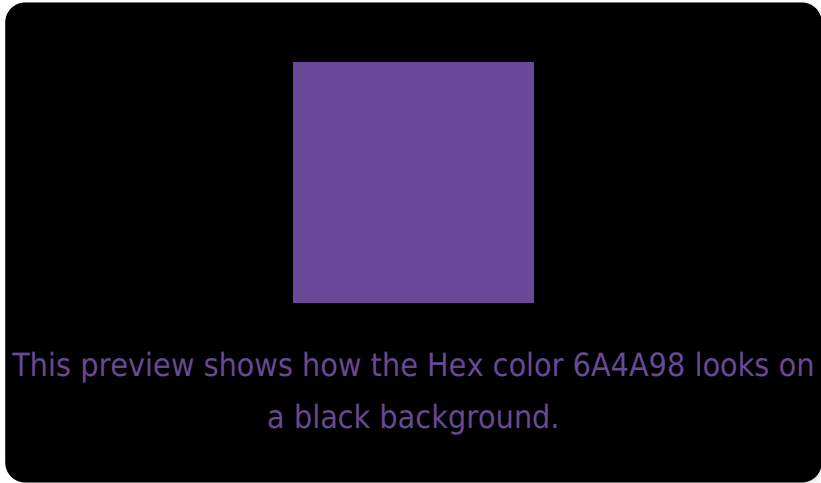
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

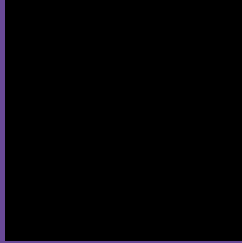
Any Text WCAG AA × Fail

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 6A4A98 Background



This preview shows how black text looks on a background with the Hex color 6A4A98.

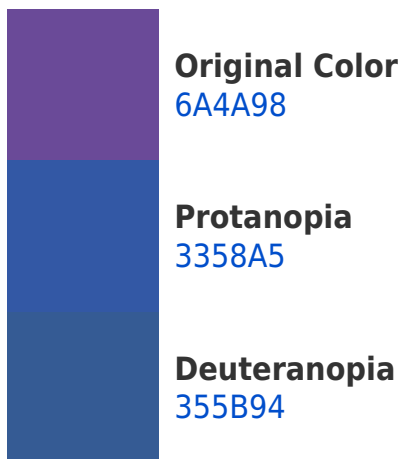



This preview shows how white text looks on a background with the Hex color 6A4A98.

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
5F585F

Trichromacy



Original Color
6A4A98

Protanomaly
4753A0

Deuteranomaly
485595

Tritanomaly
635374

Monochromacy



Original Color
6A4A98

Achromatopsia
5C5C5C

Achromatomaly
615572

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A4A98 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 #6A4A98 looks like.

```
.text, #text, p{  
    color:#6A4A98  
}
```

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 #6A4A98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A4A98
}
```

Border

The CSS property to change the border of an element to Hex 6A4A98 is called "border". The border property can be set on classes, ids or directly on the HTML element.

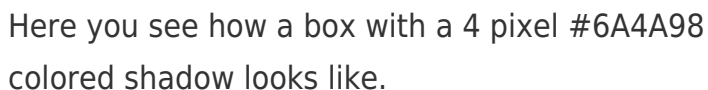
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A4A98 }
```

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

```
.border{ border-color:#6A4A98 }
```

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



Here you see how a box with a 4 pixel #6A4A98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A4A98; -webkit-box-shadow:4px 4px  
4px 4px #6A4A98; box-shadow:4px 4px 4px  
4px #6A4A98 }
```

Background

The CSS property to change the background color of an element to Hex 6A4A98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A4A98 }
```

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

```
.background{ background-color:#6A4A98 }
```

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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