

Converting Colors

Hex(6A4C9E)

Have a look what the booklet for
Hex(6A4C9E) contains.

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Color

Hex(6A4C9E)

Conversions

Conversions Part 1

Format	Color
Hex	6A4C9E
RGB	106, 76, 158
RGB Percent	42%, 30%, 62%
CMY	0.5843, 0.7020, 0.3804
CMYK	0.33, 0.52, 0.00, 0.38
HSL	262°, 35%, 46%
HSV	262°, 52%, 62%
XYZ	14.6999, 10.7017, 33.6386
YIQ	94.3180, -8.4420, 31.8620

Conversions

Conversions Part 2

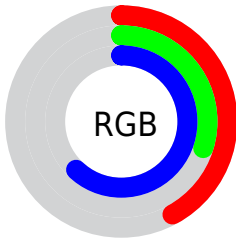
Format	Color
R_{YB}	106, 76, 158
Decimal	6966430
CIE _{Lab}	39.07, 31.00, -40.25
CIE _{LCh}	39, 50.805, 307.605
Yxy	10.7017, 0.2490, 0.1813
Android (android.graphics.Color)	4285156510 (0xFF6A4C9E)
YUV	94.3180, 31.3952, 10.2451
Hunter-Lab	32.7134, 22.9609, -38.0674

Details

The Hex color **6A4C9E** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **809E4C**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **A07ED5**, and **361E6A** is the 20% darker color. If you saturate the color by 10%, you get **603C9E**, and if you desaturate by 10%, it is **745C9E**.

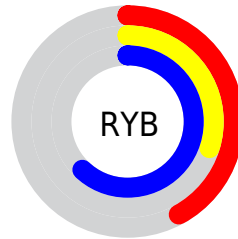
Distribution



Red (42%)

Green (30%)

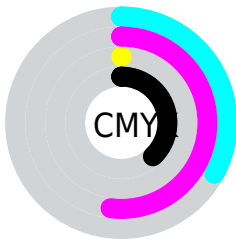
Blue (62%)



Red (42%)

Yellow (30%)

Blue (62%)

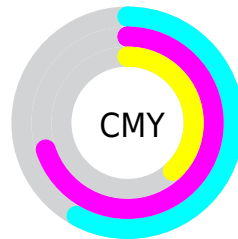


Cyan (33%)

Magenta (52%)

Yellow (0%)

Black (38%)



Cyan (58%)

Magenta (70%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A4C9E 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 6A4C9E by changing the saturation by 10% instead.

■ 6A4C9E

■ 6A4C9E

FFFFFF

■ 503584

■ A07ED5

■ 361E6A

■ BC98F2

■ 1B0851

■ D8B3FF

■ 05003A

■ F5CFFF

■ 000223

■ FFE8FF

■ 00000A

■ 000000

■ 6A4C9E

■ 6A4C9E

■ 603C9E

■ 745C9E

■ 562C9E

■ 7E6C9E

■ 4C1D9E

■ 887B9E

■ 420D9E

■ 928B9E

■ 3A009E

■ 9C9B9E

■ A6AB9E

■ B0BB9E

■ BACA9E

■ C4DA9E

Harmonies

Analogous

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



005EAE



6A4C9E



95387C

Triad

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



6A4C9E



884E04



006F66

Complementary

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



6A4C9E



809E4C

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.



006D3B



6A4C9E



665E00

Square

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



6A4C9E



9F3C2C



396711



006E8E

Rectangle

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



6A4C9E



A23061



396711



006E57

Sweetspot

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



6A4C9E



BAAECF



4C819E



5C5569



E8E8E8



696969

Same Dimension

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



6A4C9E



7D4ECF



924C9E



4A474F



34008F



06000F

Inverse Universe

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



9E4C80



CF4EA0



589E4C



4F474C



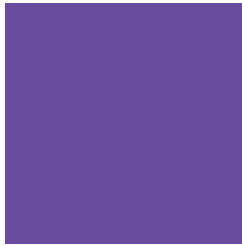
8F005B



0F000A

Previews

White Background



This preview shows how the Hex color 6A4C9E looks on a white background.

Color Contrast Check

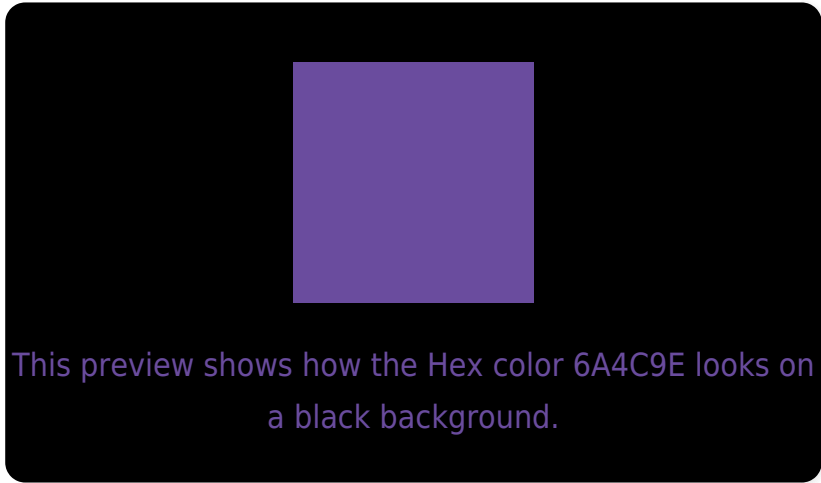
Large Text (above 18pt) WCAG AA ✓ Pass

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

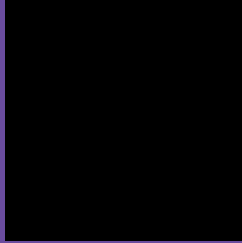
Any Text WCAG AA × Fail

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 6A4C9E Background



This preview shows how black text looks on a background with the Hex color 6A4C9E.

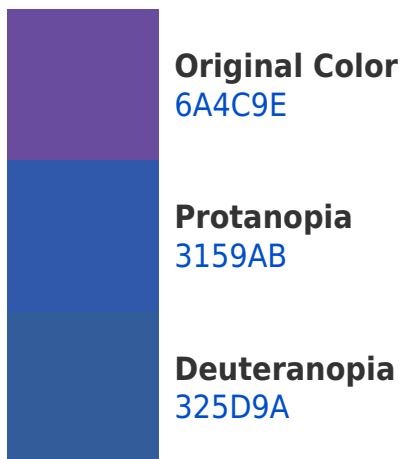


This preview shows how white text looks on a background with the Hex color 6A4C9E.

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](#).

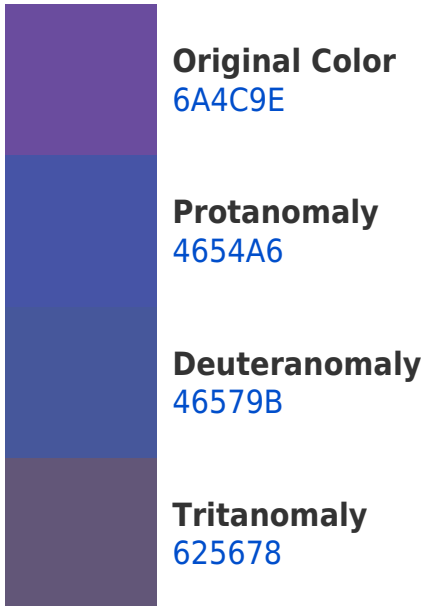
Dichromacy



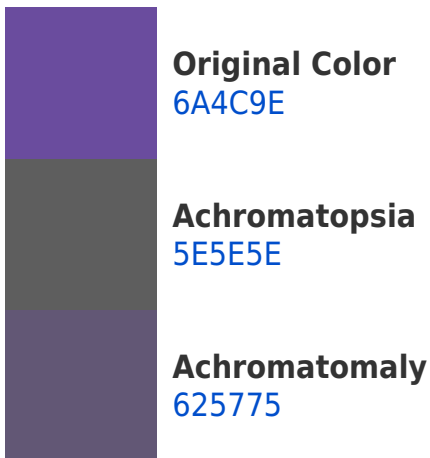


Tritanopia
5E5B62

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A4C9E 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 #6A4C9E looks like.

```
.text, #text, p{  
    color:#6A4C9E  
}
```

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 #6A4C9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A4C9E
}
```

Border

The CSS property to change the border of an element to Hex 6A4C9E is called "border". The border property can be set on classes, ids or directly on the HTML element.

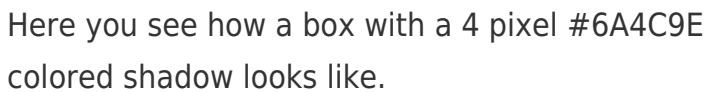
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A4C9E }
```

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

```
.border{ border-color:#6A4C9E }
```

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



Here you see how a box with a 4 pixel #6A4C9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A4C9E; -webkit-box-shadow:4px 4px  
4px 4px #6A4C9E; box-shadow:4px 4px 4px  
4px #6A4C9E }
```

Background

The CSS property to change the background color of an element to Hex 6A4C9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A4C9E }
```

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

```
.background{ background-color:#6A4C9E }
```

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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