

# Converting Colors

Hex(6D4494)

Have a look what the booklet for  
Hex(6D4494) contains.

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# Color

**Hex(6D4494)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D4494
RGB	109, 68, 148
RGB Percent	43%, 27%, 58%
CMY	0.5725, 0.7333, 0.4196
CMYK	0.26, 0.54, 0.00, 0.42
HSL	271°, 37%, 42%
HSV	271°, 54%, 58%
XYZ	13.7191, 9.5236, 29.1321
YIQ	89.3790, -1.2440, 33.5720

# Conversions

## Conversions Part 2

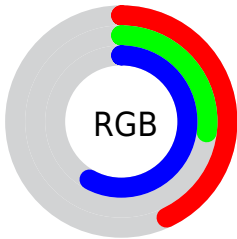
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 68, 148
Decimal	7160980
CIE <sub>Lab</sub>	36.97, 33.95, -37.54
CIE <sub>LCh</sub>	37, 50.613, 312.121
Yxy	9.5236, 0.2619, 0.1818
Android (android.graphics.Color)	4285351060 (0xFF6D4494)
YUV	89.3790, 28.9002, 17.2076
Hunter-Lab	30.8603, 25.3476, -34.3676

# Details

The Hex color **6D4494** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6B9444**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **A376CB**, and **3A1561** is the 20% darker color. If you saturate the color by 10%, you get **663594**, and if you desaturate by 10%, it is **745394**.

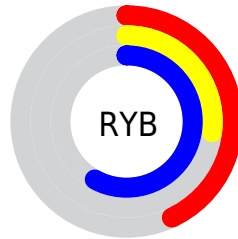
# Distribution



Red (43%)

Green (27%)

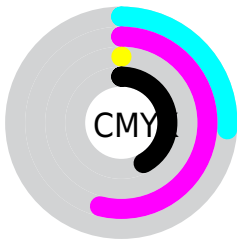
Blue (58%)



Red (43%)

Yellow (27%)

Blue (58%)

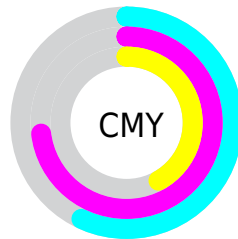


Cyan (26%)

Magenta (54%)

Yellow (0%)

Black (42%)



Cyan (57%)

Magenta (73%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D4494 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 6D4494 by changing the saturation by 10% instead.



6D4494

6D4494

FFFFFF

532C7A

A376CB

3A1561

BE90E7

210048

DBA AFF

060031

F8C6FF

00011B

FFE2FF

000000

6D4494

6D4494

663594

745394

5F2694

7B6294

571894

837094

500994

8A7F94

4C0094

918E94

989D94

A0AC94

A7BA94

AEC994

# Harmonies

## Analogous

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



0156A7



6D4494



933071

# Triad

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



6D4494



7D4C00



006967

# Complementary

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



6D4494



6B9444

# 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.



00683C



6D4494



5A5A00

# Square

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



6D4494



963922



2B6312



00688D

# Rectangle

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



6D4494



9E2A56



2B6312



006959



# Sweetspot

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



6D4494



B0A1BF



446C94



584E61



E0E0E0



616161



# Same Dimension

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



6D4494



8343BF



944494



46434A



47008A



05000A



# Inverse Universe

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



94446B



BF4380



449444



4A4346



8A0043



0A0005



# Previews

## White Background



This preview shows how the Hex color 6D4494 looks on a white background.

## Color Contrast Check

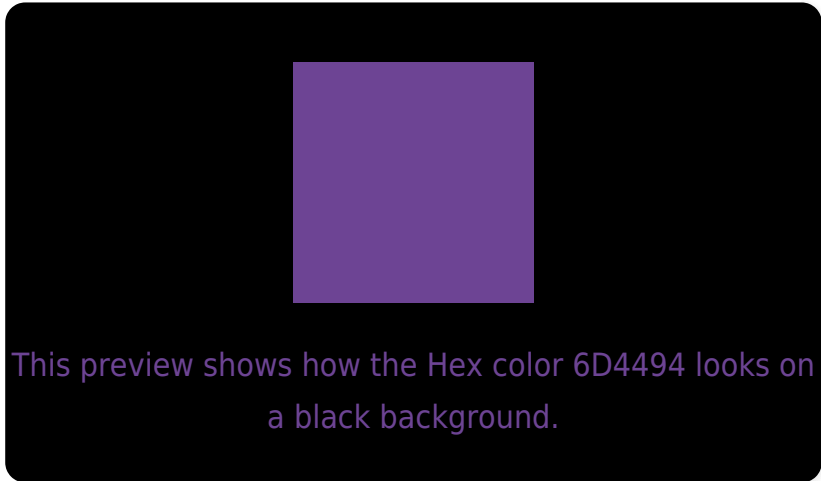
Large Text (above 18pt) WCAG AA ✓ Pass

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

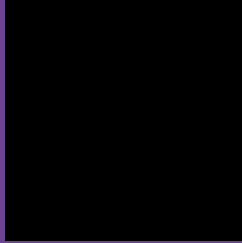
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6D4494 Background



This preview shows how black text looks on a background with the Hex color 6D4494.

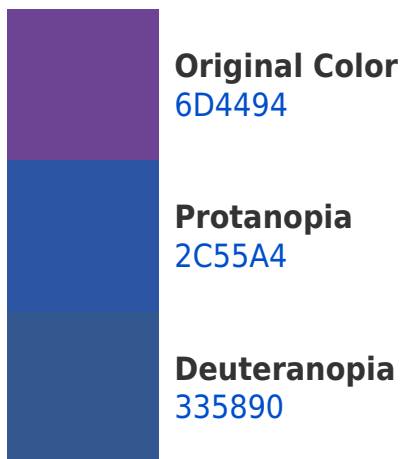


This preview shows how white text looks on a background with the Hex color 6D4494.

# 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](#).

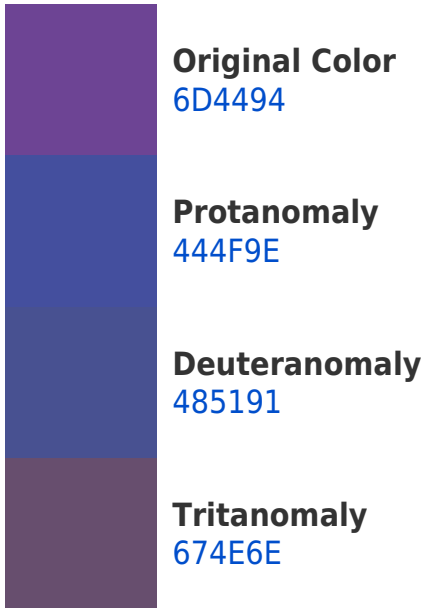
## Dichromacy



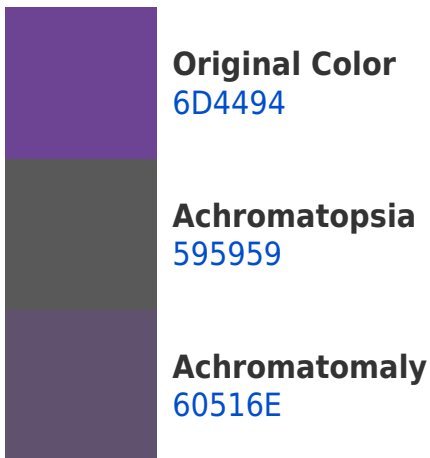


**Tritanopia**  
635359

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D4494 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 #6D4494 looks like.

```
.text, #text, p{  
    color:#6D4494  
}
```

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 #6D4494 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D4494
}
```

## Border

The CSS property to change the border of an element to Hex 6D4494 is called "border". The border property can be set on classes, ids or directly on the HTML element.

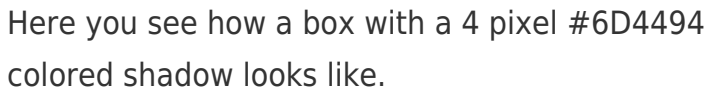
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D4494 }
```

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

```
.border{ border-color:#6D4494 }
```

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



Here you see how a box with a 4 pixel #6D4494 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D4494; -webkit-box-shadow:4px 4px  
4px 4px #6D4494; box-shadow:4px 4px 4px  
4px #6D4494 }
```

# Background

The CSS property to change the background color of an element to Hex 6D4494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D4494 }
```

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

```
.background{ background-color:#6D4494 }
```

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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