

# Converting Colors

Hex(6A3494)

Have a look what the booklet for  
Hex(6A3494) contains.

<b>Hex(6A3494)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(6A3494)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A3494
RGB	106, 52, 148
RGB Percent	42%, 20%, 58%
CMY	0.5843, 0.7961, 0.4196
CMYK	0.28, 0.65, 0.00, 0.42
HSL	274°, 48%, 39%
HSV	274°, 65%, 58%
XYZ	12.5171, 7.6583, 28.8354
YIQ	79.0900, 1.3680, 41.3040

# Conversions

## Conversions Part 2

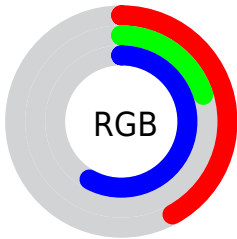
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 52, 148
Decimal	6960276
CIE <sub>Lab</sub>	33.26, 42.05, -43.50
CIE <sub>LCh</sub>	33, 60.507, 314.030
Yxy	7.6583, 0.2554, 0.1563
Android (android.graphics.Color)	4285150356 (0xFF6A3494)
YUV	79.0900, 33.9726, 23.6001
Hunter-Lab	27.6736, 32.3093, -42.4077

# Details

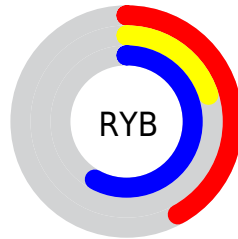
The Hex color **6A3494** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5E9434**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **A066CB**, and **360060** is the 20% darker color. If you saturate the color by 10%, you get **642594**, and if you desaturate by 10%, it is **704394**.

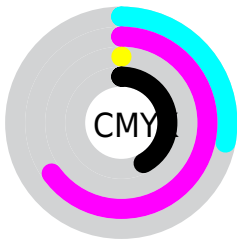
# Distribution



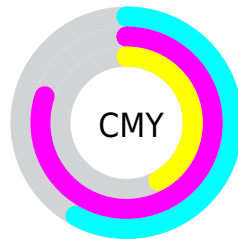
- Red (42%)
- Green (20%)
- Blue (58%)



- Red (42%)
- Yellow (20%)
- Blue (58%)



- Cyan (28%)
- Magenta (65%)
- Yellow (0%)
- Black (42%)



- Cyan (58%)
- Magenta (80%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A3494 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 6A3494 by changing the saturation by 10% instead.



6A3494

6A3494

FFFFFF

501B7A

A066CB

360060

BC80E7

1D0048

D99AFF

000031

F6B6FF

00011B

FFD2FF

000000

FFEEFF

6A3494

6A3494

642594

704394

■ 5D1694

■ 775294

■ 570894

■ 7D6094

■ 530094

■ 846F94

■ 8A7E94

■ 918D94

■ 979C94

■ 9EAA94

■ A4B994

# Harmonies

## Analogous

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



004DAD



6A3494



950C6A

# Triad

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



6A3494



754200



006264

# Complementary

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



6A3494



5E9434

# 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.



006132



6A3494



4C5300

# Square

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



6A3494



922709



005C00



006190

# Rectangle

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



6A3494



9F004A



005C00



006254



# Sweetspot

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



6A3494



AF9BBF



345F94



574B61



E0E0E0



616161



# Same Dimension

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



6A3494



7E2ABF



94348F



47434A



4D008A



06000A



# Inverse Universe

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



94345E



BF2A6B



349439



4A4346



8A003C

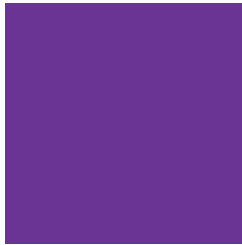


0A0004



# Previews

## White Background



This preview shows how the Hex color 6A3494 looks on a white background.

## Color Contrast Check

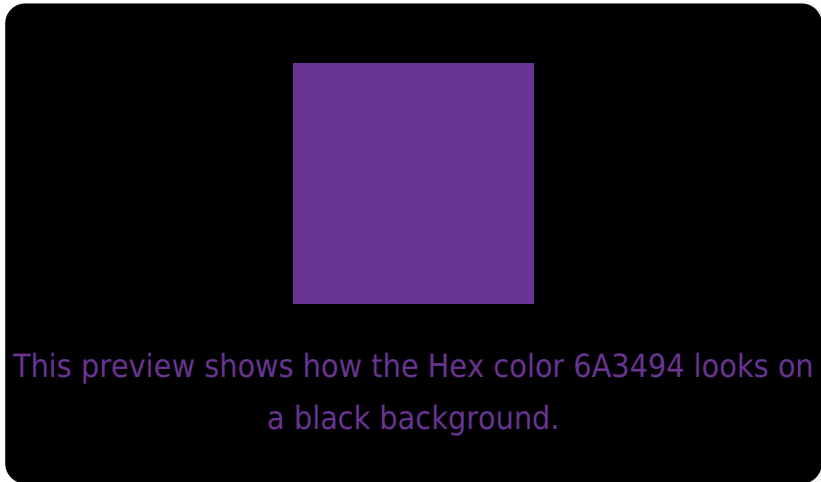
Large Text (above 18pt) WCAG AA ✓ Pass

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

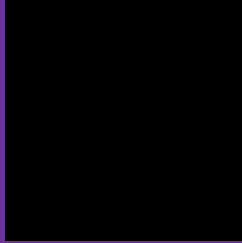
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A3494 Background



This preview shows how black text looks on a background with the Hex color 6A3494.



This preview shows how white text looks on a background with the Hex color 6A3494.

# 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](#).

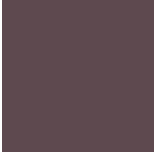
## Dichromacy



**Original Color**  
6A3494

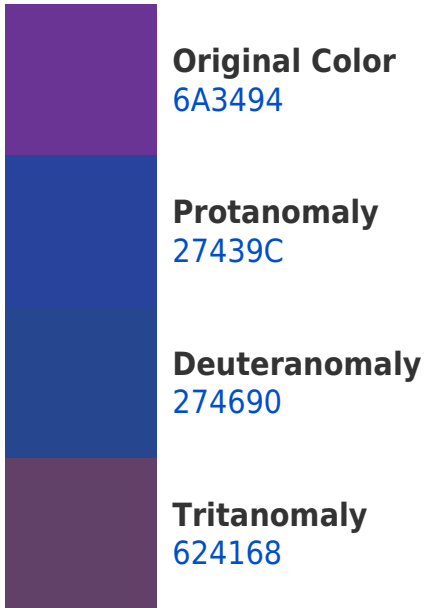
**Protanopia**  
004CA1

**Deuteranopia**  
00508E

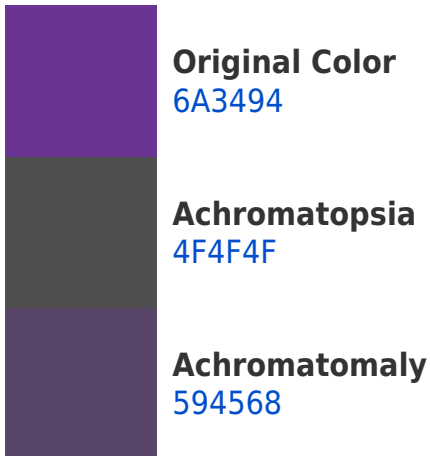


**Tritanopia**  
5E494F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A3494 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 #6A3494 looks like.

```
.text, #text, p{  
    color:#6A3494  
}
```

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 #6A3494 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A3494
}
```

## Border

The CSS property to change the border of an element to Hex 6A3494 is called "border". The border property can be set on classes, ids or directly on the HTML element.

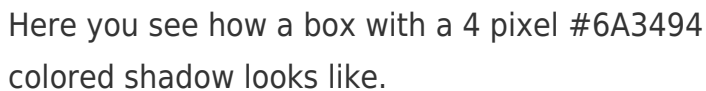
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A3494 }
```

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

```
.border{ border-color:#6A3494 }
```

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



Here you see how a box with a 4 pixel #6A3494 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A3494; -webkit-box-shadow:4px 4px  
4px 4px #6A3494; box-shadow:4px 4px 4px  
4px #6A3494 }
```

# Background

The CSS property to change the background color of an element to Hex 6A3494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A3494 }
```

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

```
.background{ background-color:#6A3494 }
```

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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