

Converting Colors

Hex(6D3493)

Have a look what the booklet for
Hex(6D3493) contains.

Hex(6D3493)	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>	28

Color

Hex(6D3493)

Conversions

Conversions Part 1

Format	Color
Hex	6D3493
RGB	109, 52, 147
RGB Percent	43%, 20%, 58%
CMY	0.5725, 0.7961, 0.4235
CMYK	0.26, 0.65, 0.00, 0.42
HSL	276°, 48%, 39%
HSV	276°, 65%, 58%
XYZ	12.8011, 7.8138, 28.4373
YIQ	79.8730, 3.4770, 41.6290

Conversions

Conversions Part 2

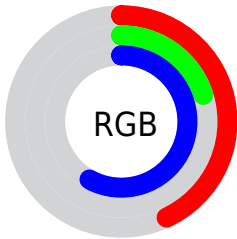
Format	Color
R_{YB}	109, 52, 147
Decimal	7156883
CIE _{Lab}	33.59, 42.54, -42.34
CIE _{LCh}	34, 60.016, 315.134
Yxy	7.8138, 0.2610, 0.1593
Android (android.graphics.Color)	4285346963 (0xFF6D3493)
YUV	79.8730, 33.0936, 25.5444
Hunter-Lab	27.9531, 32.8260, -40.7497

Details

The Hex color **6D3493** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5A9334**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **A366CA**, and **390060** is the 20% darker color. If you saturate the color by 10%, you get **672593**, and if you desaturate by 10%, it is **734393**.

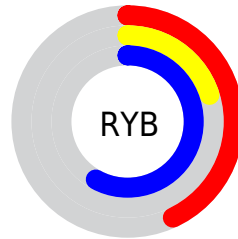
Distribution



Red (43%)

Green (20%)

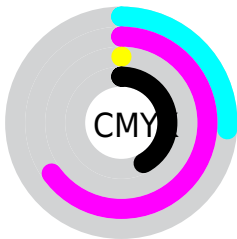
Blue (58%)



Red (43%)

Yellow (20%)

Blue (58%)

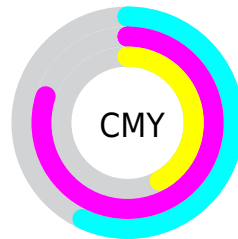


Cyan (26%)

Magenta (65%)

Yellow (0%)

Black (42%)



Cyan (57%)

Magenta (80%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D3493 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 6D3493 by changing the saturation by 10% instead.

 6D3493

 6D3493

FFFFFF

 531B79

 A366CA

 390060

 BF80E6

 200047

 DC9BFF

 000030

 F9B6FF

 00011A

 FFD2FF

 000000

 FFEFFF

 6D3493

 6D3493

 672593

 734393

611793

795193

5B0893

7F6093

580093

856F93

8A7D93

908C93

969B93

9CAA93

A2B893

Harmonies

Analogous

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



004DAC



6D3493



960E69

Triad

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



6D3493



754400



006367

Complementary

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



6D3493



5A9334

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.



006135



6D3493



4C5400

Square

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



6D3493



922A09



005D00



006292

Rectangle

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



6D3493



A00049



005D00



006356

Sweetspot

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



6D3493



B19BBF



345A93



584B61



E0E0E0



616161

Same Dimension

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



6D3493



842ABF



93348A



47434A



53008A



06000A

Inverse Universe

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



93345A



BF2A66



34933D



4A4346



8A0037



0A0004

Previews

White Background



This preview shows how the Hex color 6D3493 looks on a white background.

Color Contrast Check

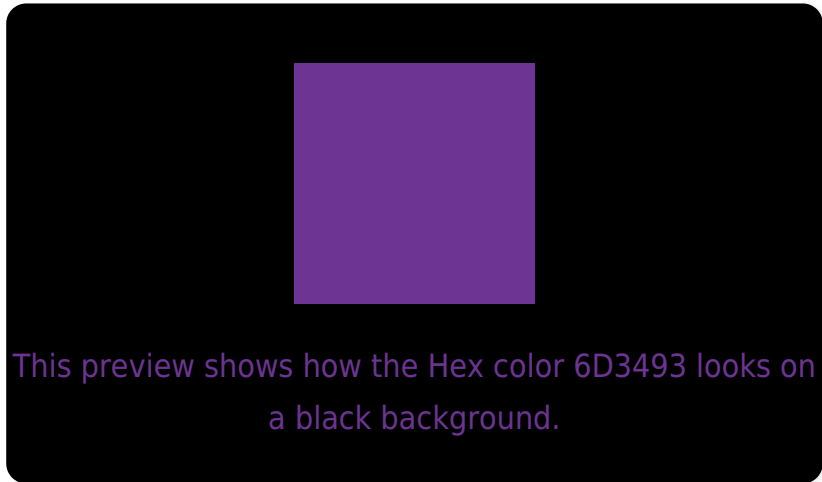
Large Text (above 18pt) WCAG AA ✓ Pass

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

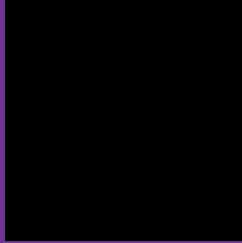
Any Text WCAG AA × Fail

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 6D3493 Background



This preview shows how black text looks on a background with the Hex color 6D3493.

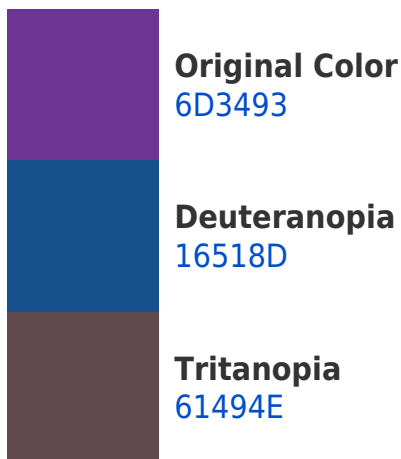


This preview shows how white text looks on a background with the Hex color 6D3493.

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



Trichromacy



Original Color
6D3493

Deuteranomaly
36468F

Tritanomaly
654167

Monochromacy



Original Color
6D3493

Achromatopsia
505050

Achromatomaly
5B4668

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D3493 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 #6D3493 looks like.

```
.text, #text, p{  
    color:#6D3493  
}
```

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 #6D3493 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D3493
}
```

Border

The CSS property to change the border of an element to Hex 6D3493 is called "border". The border property can be set on classes, ids or directly on the HTML element.

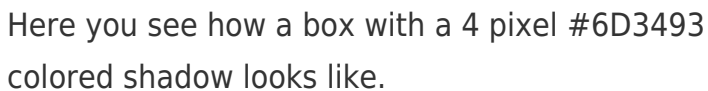
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D3493 }
```

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

```
.border{ border-color:#6D3493 }
```

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



Here you see how a box with a 4 pixel #6D3493 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D3493; -webkit-box-shadow:4px 4px  
4px 4px #6D3493; box-shadow:4px 4px 4px  
4px #6D3493 }
```

Background

The CSS property to change the background color of an element to Hex 6D3493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D3493 }
```

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

```
.background{ background-color:#6D3493 }
```

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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