

# Converting Colors

Hex(6D4293)

Have a look what the booklet for  
Hex(6D4293) contains.

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# Color

**Hex(6D4293)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D4293
RGB	109, 66, 147
RGB Percent	43%, 26%, 58%
CMY	0.5725, 0.7412, 0.4235
CMYK	0.26, 0.55, 0.00, 0.42
HSL	272°, 38%, 42%
HSV	272°, 55%, 58%
XYZ	13.5213, 9.2542, 28.6774
YIQ	88.0910, -0.3730, 34.3070

# Conversions

## Conversions Part 2

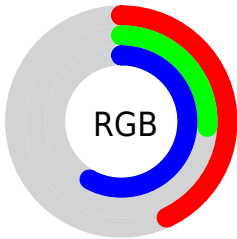
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">109, 66, 147</a>
Decimal	<a href="#">7160467</a>
CIELab	<a href="#">36.47, 34.85, -37.74</a>
CIElCh	<a href="#">36, 51.369, 312.726</a>
Yxy	<a href="#">9.2542, 0.2628, 0.1799</a>
Android (android.graphics.Color)	<a href="#">4285350547 (0xFF6D4293)</a>
YUV	<a href="#">88.0910, 29.0421, 18.3372</a>
Hunter-Lab	<a href="#">30.4208, 26.1030, -34.5976</a>

# Details

The Hex color **6D4293** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **689342**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **A374CA**, and **3A1360** is the 20% darker color. If you saturate the color by 10%, you get **663393**, and if you desaturate by 10%, it is **745193**.

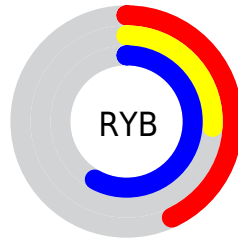
# Distribution



Red (43%)

Green (26%)

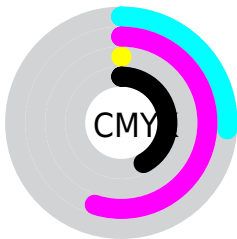
Blue (58%)



Red (43%)

Yellow (26%)

Blue (58%)

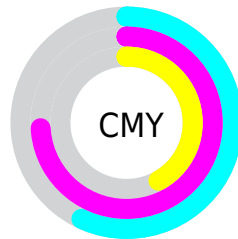


Cyan (26%)

Magenta (55%)

Yellow (0%)

Black (42%)



Cyan (57%)

Magenta (74%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D4293 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 6D4293 by changing the saturation by 10% instead.



 6D4293

 6D4293

FFFFFF

 532A79

 A374CA

 3A1360

 BE8EE6

 210047

 DBA8FF

 050031

 F8C4FF

 00011B

 FFE0FF

 000000

 FFFDFD

 6D4293

 6D4293

 663393

 745193

■ 5F2593

■ 7B5F93

■ 581693

■ 826E93

■ 510793

■ 897D93

■ 4E0093

■ 8F8B93

■ 969A93

■ 9DA993

■ A4B893

■ ABC693

# Harmonies

## Analogous

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



0055A7



6D4293



932D6F

# Triad

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



6D4293



7B4B00



006867

# Complementary

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



6D4293



689342

# 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.



00673C



6D4293



585900

# Square

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



6D4293



95381F



276210



00678D

# Rectangle

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



6D4293



9D2754



276210



006859



# Sweetspot

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



6D4293



B09FBF



426993



584E61



E0E0E0



616161



# Same Dimension

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



6D4293



8441BF



934292



46434A



49008A



05000A



# Inverse Universe

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



934268



BF417C



429343



4A4346



8A0041

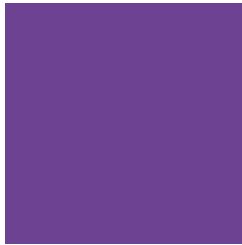


0A0005



# Previews

## White Background



This preview shows how the Hex color 6D4293 looks on a white background.

## Color Contrast Check

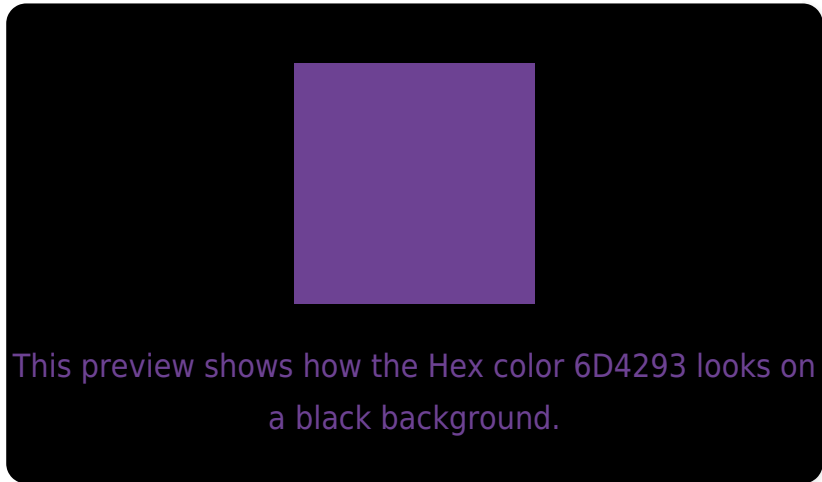
Large Text (above 18pt) WCAG AA ✓ Pass

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

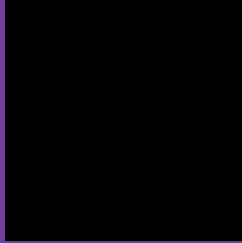
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D4293 Background



This preview shows how black text looks on a background with the Hex color 6D4293.



This preview shows how white text looks on a background with the Hex color 6D4293.

# 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**  
6D4293

**Protanopia**  
2953A4

**Deuteranopia**  
31578F



**Tritanopia**  
635158

# Trichromacy



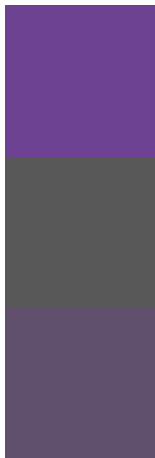
**Original Color**  
6D4293

**Protanomaly**  
424D9E

**Deuteranomaly**  
474F90

**Tritanomaly**  
674C6D

# Monochromacy



**Original Color**  
6D4293

**Achromatopsia**  
585858

**Achromatomaly**  
60506D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D4293 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 #6D4293 looks like.

```
.text, #text, p{  
    color:#6D4293  
}
```

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 #6D4293 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D4293
}
```

## Border

The CSS property to change the border of an element to Hex 6D4293 is called "border". The border property can be set on classes, ids or directly on the HTML element.

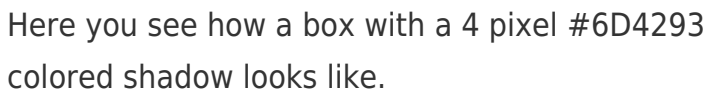
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D4293 }
```

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

```
.border{ border-color:#6D4293 }
```

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



Here you see how a box with a 4 pixel #6D4293 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D4293; -webkit-box-shadow:4px 4px  
4px 4px #6D4293; box-shadow:4px 4px 4px  
4px #6D4293 }
```

# Background

The CSS property to change the background color of an element to Hex 6D4293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D4293 }
```

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

```
.background{ background-color:#6D4293 }
```

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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