

# Converting Colors

Hex(6D34A9)

Have a look what the booklet for  
Hex(6D34A9) contains.

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# Color

**Hex(6D34A9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D34A9
RGB	109, 52, 169
RGB Percent	43%, 20%, 66%
CMY	0.5725, 0.7961, 0.3373
CMYK	0.36, 0.69, 0.00, 0.34
HSL	269°, 53%, 43%
HSV	269°, 69%, 66%
XYZ	14.6961, 8.5718, 38.4161
YIQ	82.3810, -3.5850, 48.4710

# Conversions

## Conversions Part 2

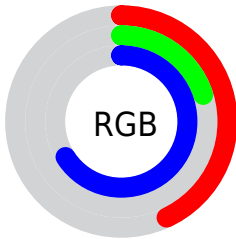
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	109, 52, 169
Decimal	7156905
CIE Lab	35.15, 47.91, -53.14
CIE LCh	35, 71.546, 312.035
Yxy	8.5718, 0.2382, 0.1390
Android (android.graphics.Color)	4285346985 (0xFF6D34A9)
YUV	82.3810, 42.7032, 23.3449
Hunter-Lab	29.2776, 38.3636, -57.3020

# Details

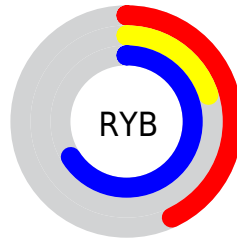
The Hex color **6D34A9** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **70A934**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **A567E1**, and **360074** is the 20% darker color. If you saturate the color by 10%, you get **6423A9**, and if you desaturate by 10%, it is **7645A9**.

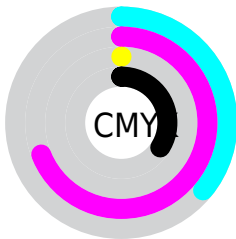
# Distribution



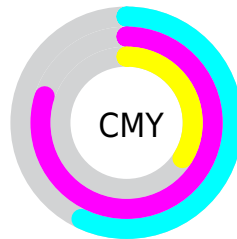
- Red (43%)
- Green (20%)
- Blue (66%)



- Red (43%)
- Yellow (20%)
- Blue (66%)



- Cyan (36%)
- Magenta (69%)
- Yellow (0%)
- Black (34%)



- Cyan (57%)
- Magenta (80%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D34A9 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 6D34A9 by changing the saturation by 10% instead.



 6D34A9

 6D34A9

FFFFFF

 521A8E

 A567E1

 360074

 C181FE

 17005B

 DE9CFF

 000042

 FCB7FF

 00032B

 FFD3FF

 000115

 FFF0FF

 000000

 6D34A9

 6D34A9

 6423A9

 7645A9

■ 5C12A9

■ 7E56A9

■ 5301A9

■ 8767A9

■ 5200A9

■ 9078A9

■ 9888A9

■ A199A9

■ AAAAA9

■ B2BBA9

■ BBCCA9

# Harmonies

## Analogous

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



0053C5



6D34A9



A40077

# Triad

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



6D34A9



814300



006969

# Complementary

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



6D34A9



70A934

# 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.



00672C



6D34A9



515800

# Square

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



6D34A9



A31A02



006200



00699F

# Rectangle

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



6D34A9



B10052



006200



006955



# Sweetspot

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



6D34A9



C4ADDB



3470A9



60526E



EDEDED



6E6E6E



# Same Dimension

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



6D34A9



7E25DB



A734A9



504C54



480094



0A0014



# Inverse Universe

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



A93470



DB2583



36A934



544C50



94004C

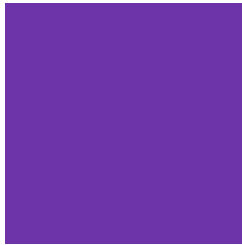


14000A



# Previews

## White Background



This preview shows how the Hex color 6D34A9 looks on a white background.

## Color Contrast Check

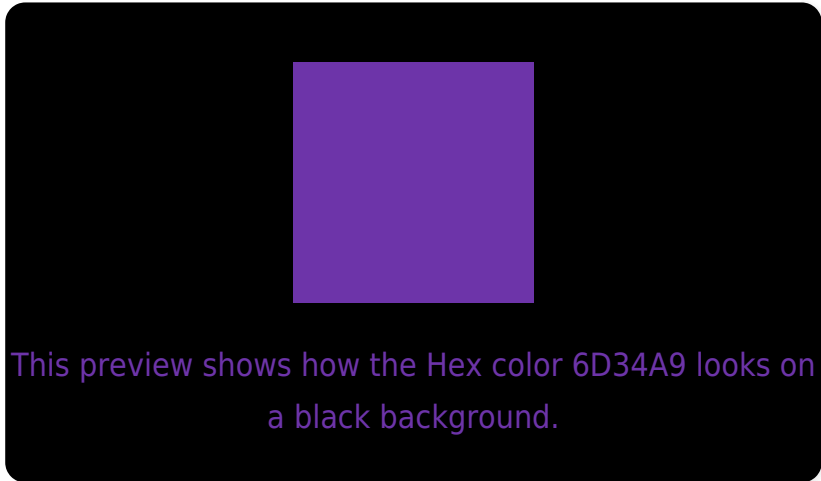
Large Text (above 18pt) WCAG AA ✓ Pass

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

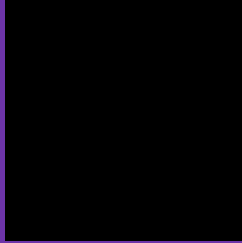
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D34A9 Background



This preview shows how black text looks on a background with the Hex color 6D34A9.

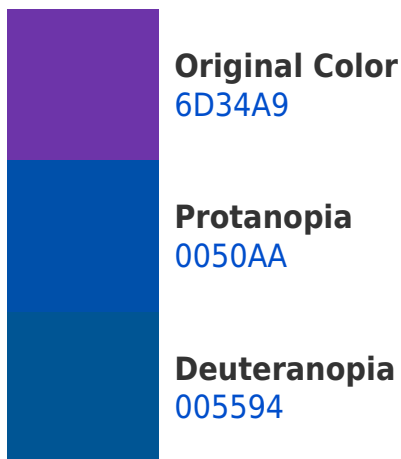


This preview shows how white text looks on a background with the Hex color 6D34A9.

# 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](#).

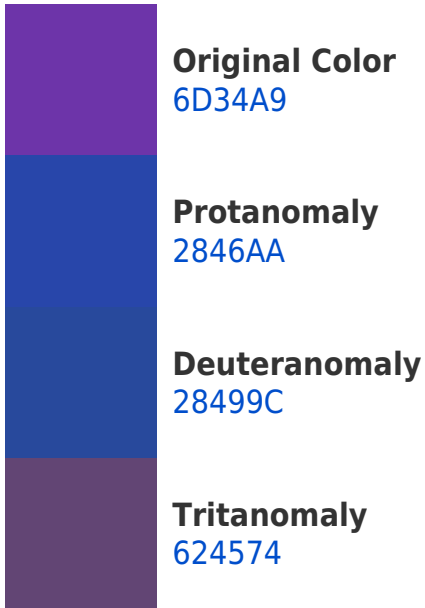
## Dichromacy



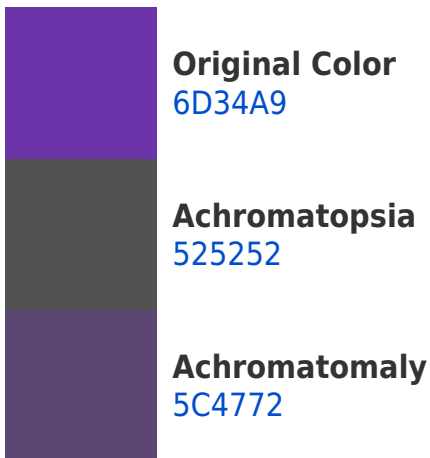


**Tritanopia**  
5C4F56

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D34A9 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 #6D34A9 looks like.

```
.text, #text, p{  
    color:#6D34A9  
}
```

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 #6D34A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D34A9
}
```

## Border

The CSS property to change the border of an element to Hex 6D34A9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

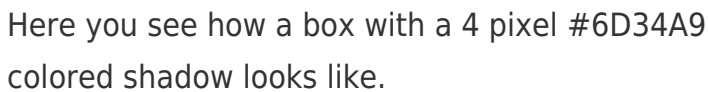
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D34A9 }
```

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

```
.border{ border-color:#6D34A9 }
```

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



Here you see how a box with a 4 pixel #6D34A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D34A9; -webkit-box-shadow:4px 4px  
4px 4px #6D34A9; box-shadow:4px 4px 4px  
4px #6D34A9 }
```

# Background

The CSS property to change the background color of an element to Hex 6D34A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D34A9 }
```

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

```
.background{ background-color:#6D34A9 }
```

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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