

Converting Colors

Hex(67349B)

Have a look what the booklet for
Hex(67349B) contains.

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Color

Hex(67349B)

Conversions

Conversions Part 1

Format	Color
Hex	67349B
RGB	103, 52, 155
RGB Percent	40%, 20%, 61%
CMY	0.5961, 0.7961, 0.3922
CMYK	0.34, 0.66, 0.00, 0.39
HSL	270°, 50%, 41%
HSV	270°, 66%, 61%
XYZ	12.7379, 7.7061, 31.8264
YIQ	78.9910, -2.6670, 42.8450

Conversions

Conversions Part 2

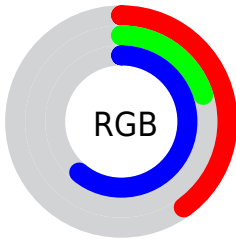
Format	Color
R_{YB}	103, 52, 155
Decimal	6763675
CIE _{Lab}	33.36, 43.10, -47.62
CIE _{LCh}	33, 64.230, 312.146
Yxy	7.7061, 0.2437, 0.1474
Android (android.graphics.Color)	4284953755 (0xFF67349B)
YUV	78.9910, 37.4724, 21.0559
Hunter-Lab	27.7599, 33.3268, -48.5435

Details

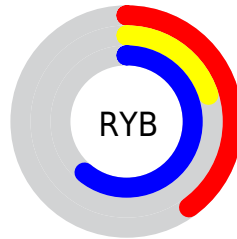
The Hex color **67349B** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **689B34**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **9E66D2**, and **310067** is the 20% darker color. If you saturate the color by 10%, you get **5F259B**, and if you desaturate by 10%, it is **6F439B**.

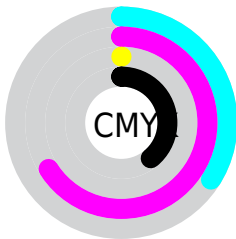
Distribution



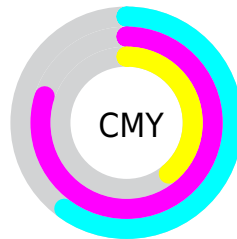
- Red (40%)
- Green (20%)
- Blue (61%)



- Red (40%)
- Yellow (20%)
- Blue (61%)



- Cyan (34%)
- Magenta (66%)
- Yellow (0%)
- Black (39%)



- Cyan (60%)
- Magenta (80%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67349B 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 67349B by changing the saturation by 10% instead.

67349B

67349B

FFFFFF

4C1B81

9E66D2

310067

BA80EF

16004E

D79AFF

000036

F4B6FF

000220

FFD2FF

000004

FFEEFF

000000

67349B

67349B

5F259B

6F439B

57159B

77539B

50069B

7E629B

4D009B

86729B

8E829B

96919B

9EA09B

A6B09B

ADBF9B

Harmonies

Analogous

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



004FB4



67349B



97006F

Triad

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



67349B



794000



006363

Complementary

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



67349B



689B34

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.



00612D



67349B



4E5300

Square

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



67349B



972108



005D00



006292

Rectangle

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



67349B



A3004D



005D00



006351

Sweetspot

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



67349B



B5A1C9



34699B



5A4E66



E6E6E6



666666

Same Dimension

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



67349B



7828C9



99349B



49454D



45008C



06000D

Inverse Universe

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



9B3468



C9287A



369B34



4D4549



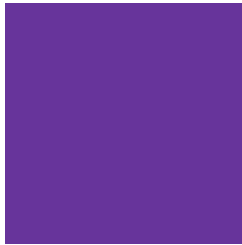
8C0047



0D0006

Previews

White Background



This preview shows how the Hex color 67349B looks on a white background.

Color Contrast Check

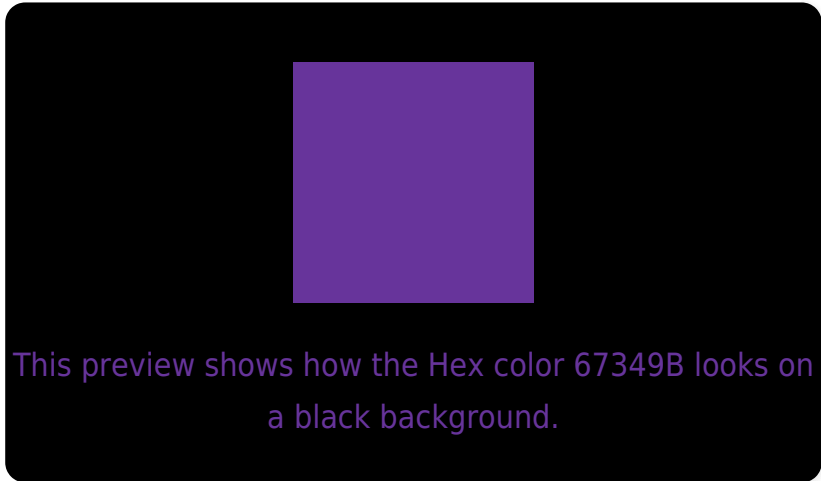
Large Text (above 18pt) WCAG AA ✓ Pass

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

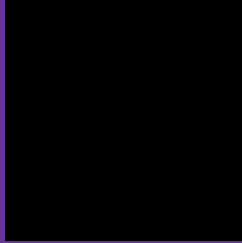
Any Text WCAG AA × Fail

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 67349B Background



This preview shows how black text looks on a background with the Hex color 67349B.



This preview shows how white text looks on a background with the Hex color 67349B.

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
67349B

Protanopia
004CA1

Deuteranopia
00518D



Tritanopia
594B51

Trichromacy



Original Color
67349B



Protanomaly
25439F



Deuteranomaly
254692



Tritanomaly
5E436C

Monochromacy



Original Color
67349B



Achromatopsia
4F4F4F



Achromatomaly
58456B

CSS Examples

Text

The CSS property to change the color of the text to Hex 67349B 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 #67349B looks like.

```
.text, #text, p{  
    color:#67349B  
}
```

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 #67349B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67349B
}
```

Border

The CSS property to change the border of an element to Hex 67349B is called "border". The border property can be set on classes, ids or directly on the HTML element.

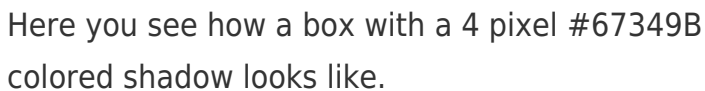
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#67349B }
```

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

```
.border{ border-color:#67349B }
```

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



Here you see how a box with a 4 pixel #67349B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67349B; -webkit-box-shadow:4px 4px  
4px 4px #67349B; box-shadow:4px 4px 4px  
4px #67349B }
```

Background

The CSS property to change the background color of an element to Hex 67349B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67349B }
```

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

```
.background{ background-color:#67349B }
```

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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