

Converting Colors

Hex(47239B)

Have a look what the booklet for
Hex(47239B) contains.

Hex(47239B)	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>	29

Color

Hex(47239B)

Conversions

Conversions Part 1

Format	Color
Hex	47239B
RGB	71, 35, 155
RGB Percent	28%, 14%, 61%
CMY	0.7216, 0.8627, 0.3922
CMYK	0.54, 0.77, 0.00, 0.39
HSL	258°, 63%, 37%
HSV	258°, 77%, 61%
XYZ	9.1160, 4.9082, 31.4773
YIQ	59.4440, -17.0640, 44.9520

Conversions

Conversions Part 2

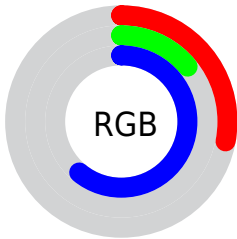
Format	Color
R _Y B	71, 35, 155
Decimal	4662171
CIE Lab	26.47, 45.80, -59.02
CIE LCh	26, 74.706, 307.816
Yxy	4.9082, 0.2003, 0.1079
Android (android.graphics.Color)	4282852251 (0xFF47239B)
YUV	59.4440, 47.1091, 10.1346
Hunter-Lab	22.1545, 34.6775, -68.7315

Details

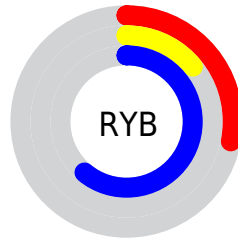
The Hex color **47239B** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **779B23**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **8054D3**, and **000066** is the 20% darker color. If you saturate the color by 10%, you get **3C139B**, and if you desaturate by 10%, it is **52339B**.

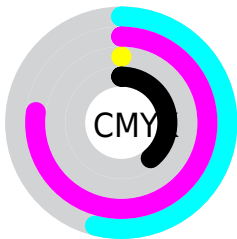
Distribution



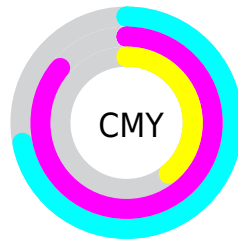
- Red (28%)
- Green (14%)
- Blue (61%)



- Red (28%)
- Yellow (14%)
- Blue (61%)



- Cyan (54%)
- Magenta (77%)
- Yellow (0%)
- Black (39%)



- Cyan (72%)
- Magenta (86%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47239B 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 47239B by changing the saturation by 10% instead.

 47239B

 47239B

FFFFFF

 280880

 8054D3

 000066

 9D6DEF

 00004E

 B987FF

 000536

 D7A2FF

 00021F

 F4BEFF

 000003

 FFDAFF

 000000

 FFF7FF

 47239B

 47239B

■ 3C139B

■ 52339B

■ 31049B

■ 5D429B

■ 2E009B

■ 68519B

■ 72619B

■ 7D719B

■ 88809B

■ 938F9B

■ 9E9F9B

■ A9AE9B

Harmonies

Analogous

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



0043B3



47239B



89006B

Triad

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



47239B



6E2900



00534D

Complementary

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



47239B



779B23

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.



00510C



47239B



404200

Square

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



47239B



8F0000



004C00



005385

Rectangle

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



47239B



990046



004C00



005239

Sweetspot

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



47239B



A99BC9



23779B



524966



E6E6E6



666666

Same Dimension

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



47239B



460EC9



83239B



47454D



2A008C



04000D

Inverse Universe

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



9B2377



C90E91



3B9B23



4D454A



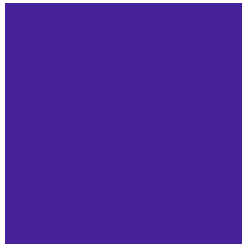
8C0062



0D0009

Previews

White Background



This preview shows how the Hex color 47239B 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

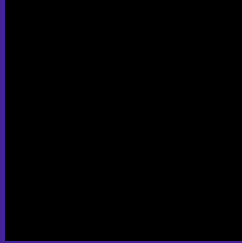
Any Text WCAG AA × Fail

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 47239B Background



This preview shows how black text looks on a background with the Hex color 47239B.



This preview shows how white text looks on a background with the Hex color 47239B.

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](#).

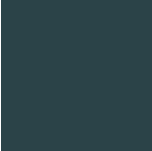
Dichromacy



Original Color
47239B

Protanopia
003D80

Deuteranopia
00416E



Tritanopia
2B4348

Trichromacy



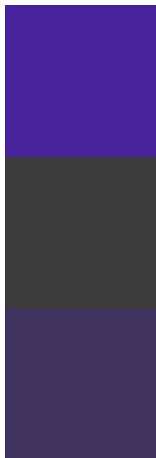
Original Color
47239B

Protanomaly
1A348A

Deuteranomaly
1A367E

Tritanomaly
353766

Monochromacy



Original Color
47239B

Achromatopsia
3B3B3B

Achromatomaly
3F325E

CSS Examples

Text

The CSS property to change the color of the text to Hex 47239B 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 #47239B looks like.

```
.text, #text, p{  
    color:#47239B  
}
```

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 #47239B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47239B
}
```

Border

The CSS property to change the border of an element to Hex 47239B 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
#47239B }
```

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

```
.border{ border-color:#47239B }
```

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

Here you see how a box with a 4 pixel #47239B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47239B; -webkit-box-shadow:4px 4px  
4px 4px #47239B; box-shadow:4px 4px 4px  
4px #47239B }
```

Background

The CSS property to change the background color of an element to Hex 47239B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47239B }
```

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

```
.background{ background-color:#47239B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor