

Converting Colors

Hex(49209C)

Have a look what the booklet for
Hex(49209C) contains.

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Color

Hex(49209C)

Conversions

Conversions Part 1

Format	Color
Hex	49209C
RGB	73, 32, 156
RGB Percent	29%, 13%, 61%
CMY	0.7137, 0.8745, 0.3882
CMYK	0.53, 0.79, 0.00, 0.39
HSL	260°, 66%, 37%
HSV	260°, 79%, 61%
XYZ	9.2649, 4.8498, 31.9003
YIQ	58.3950, -15.3680, 47.2560

Conversions

Conversions Part 2

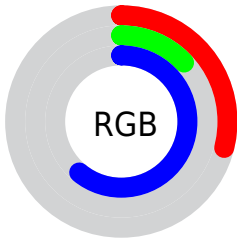
Format	Color
R _Y B	73, 32, 156
Decimal	4792476
CIE Lab	26.30, 47.77, -59.90
CIE LCh	26, 76.616, 308.575
Yxy	4.8498, 0.2013, 0.1054
Android (android.graphics.Color)	4282982556 (0xFF49209C)
YUV	58.3950, 48.1193, 12.8086
Hunter-Lab	22.0222, 36.5573, -70.4689

Details

The Hex color **49209C** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **739C20**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **8252D4**, and **000067** is the 20% darker color. If you saturate the color by 10%, you get **3F109C**, and if you desaturate by 10%, it is **53309C**.

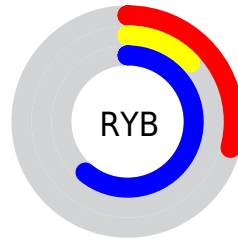
Distribution



Red (29%)

Green (13%)

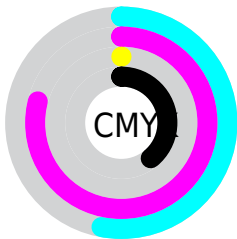
Blue (61%)



Red (29%)

Yellow (13%)

Blue (61%)

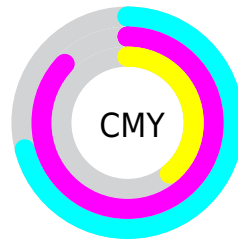


Cyan (53%)

Magenta (79%)

Yellow (0%)

Black (39%)



Cyan (71%)

Magenta (87%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49209C 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 49209C by changing the saturation by 10% instead.

49209C

49209C

FFFFFF

2A0381

8252D4

000067

9F6BF0

00004F

BC85FF

000536

D9A0FF

000220

F7BCFF

000004

FFD8FF

000000

FFF5FF

49209C

49209C

■ 3F109C

■ 53309C

■ 34019C

■ 5E3F9C

■ 34009C

■ 684F9C

■ 735E9C

■ 7D6E9C

■ 887E9C

■ 928D9C

■ 9D9D9C

■ A7AC9C

Harmonies

Analogous

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



0043B6



49209C



8B006A

Triad

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



49209C



6E2900



00534E

Complementary

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



49209C



739C20

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



49209C



3E4200

Square

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



49209C



8F0000



004C00



005387

Rectangle

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



49209C



9A0044



004C00



00523A

Sweetspot

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



49209C



AB9BCC



20759C



524866



E6E6E6



666666

Same Dimension

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



49209C



4A0ACC



85209C



4A474F



2F008F



05000F

Inverse Universe

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



9C2073



CC0A8C



379C20



4F474C



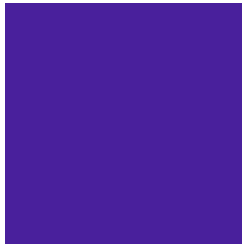
8F0060



0F000A

Previews

White Background



This preview shows how the Hex color 49209C 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

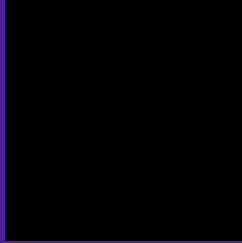
Any Text WCAG AA × Fail

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 49209C Background



This preview shows how black text looks on a background with the Hex color 49209C.

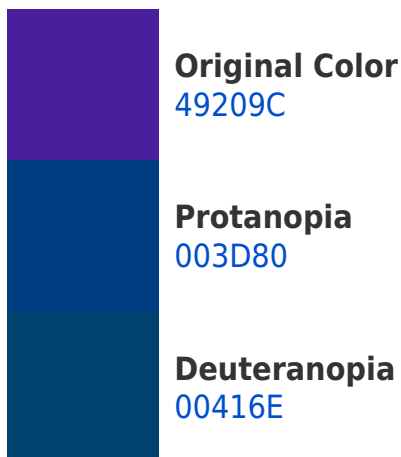


This preview shows how white text looks on a background with the Hex color 49209C.

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
2E4247

Trichromacy



Original Color
49209C

Protanomaly
1B328A

Deuteranomaly
1B357F

Tritanomaly
383666

Monochromacy



Original Color
49209C

Achromatopsia
3A3A3A

Achromatomaly
3F315E

CSS Examples

Text

The CSS property to change the color of the text to Hex 49209C 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 #49209C looks like.

```
.text, #text, p{  
    color:#49209C  
}
```

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 #49209C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49209C
}
```

Border

The CSS property to change the border of an element to Hex 49209C is called "border". The border property can be set on classes, ids or directly on the HTML element.

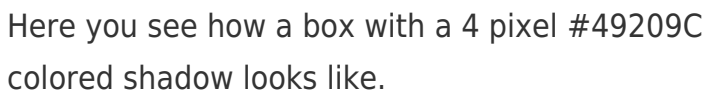
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#49209C }
```

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

```
.border{ border-color:#49209C }
```

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



Here you see how a box with a 4 pixel #49209C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49209C; -webkit-box-shadow:4px 4px  
4px 4px #49209C; box-shadow:4px 4px 4px  
4px #49209C }
```

Background

The CSS property to change the background color of an element to Hex 49209C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49209C }
```

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

```
.background{ background-color:#49209C }
```

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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