

Converting Colors

Hex(4709DA)

Have a look what the booklet for
Hex(4709DA) contains.

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Color

Hex(4709DA)

Conversions

Conversions Part 1

Format	Color
Hex	4709DA
RGB	71, 9, 218
RGB Percent	28%, 4%, 85%
CMY	0.7216, 0.9647, 0.1451
CMYK	0.67, 0.96, 0.00, 0.15
HSL	258°, 92%, 45%
HSV	258°, 96%, 85%
XYZ	15.3511, 6.5969, 66.7939
YIQ	51.3640, -30.1370, 78.1430

Conversions

Conversions Part 2

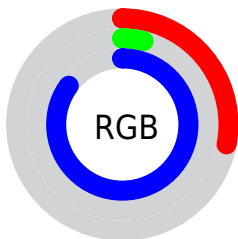
Format	Color
R _Y B	71, 9, 218
Decimal	4655578
CIE Lab	30.87, 70.26, -89.13
CIE LCh	31, 113.491, 308.251
Yxy	6.5969, 0.1730, 0.0743
Android (android.graphics.Color)	4282845658 (0xFF4709DA)
YUV	51.3640, 82.1515, 17.2208
Hunter-Lab	25.6845, 61.7381, -136.2078

Details

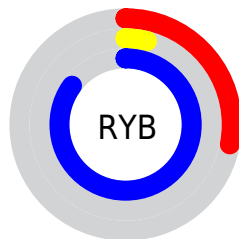
The Hex color **4709DA** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **9CDA09**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **8C4AFF**, and **0000A1** is the 20% darker color. If you saturate the color by 10%, you get **4100DA**, and if you desaturate by 10%, it is **561FDA**.

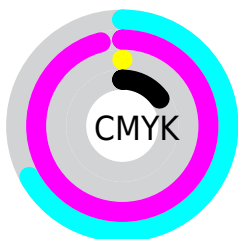
Distribution



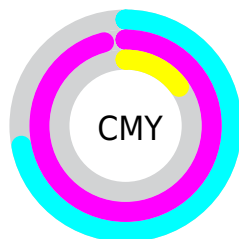
- Red (28%)
- Green (4%)
- Blue (85%)



- Red (28%)
- Yellow (4%)
- Blue (85%)



- Cyan (67%)
- Magenta (96%)
- Yellow (0%)
- Black (15%)



- Cyan (72%)
- Magenta (96%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4709DA 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 4709DA by changing the saturation by 10% instead.

4709DA

4709DA

FFFFFF

1100BD

8C4AFF

0000A1

AB65FF

000086

CB80FF

00006C

EA9CFF

000B52

FFB8FF

00053A

FFD5FF

000223

FFF2FF

00000B

000000

■ 4709DA

■ 4709DA

■ 4100DA

■ 561FDA

■ 6635DA

■ 754ADA

■ 8460DA

■ 9476DA

■ A38CDA

■ B2A2DA

■ C2B7DA

■ D1CDDA

Harmonies

Analogous

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



0054FF



4709DA



BA008D

Triad

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



4709DA



8B2300



006361

Complementary

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



4709DA



9CDA09

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.



006000



4709DA



434E00

Square

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



4709DA



BD0000



005C00



0066B9

Rectangle

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



4709DA



D00053



005C00



006241

Sweetspot

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



4709DA



CBB5FF



099FDA



605380



000000



808080

Same Dimension

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



4709DA



4C00FF



AD09DA



66636E



3300AD



0E002E

Inverse Universe

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



DA099C



FF00B3



36DA09



6E636A



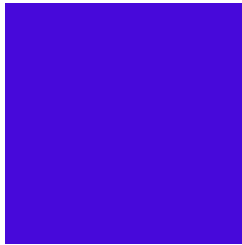
AD007A



2E0020

Previews

White Background



This preview shows how the Hex color 4709DA looks on a white background.

Color Contrast Check

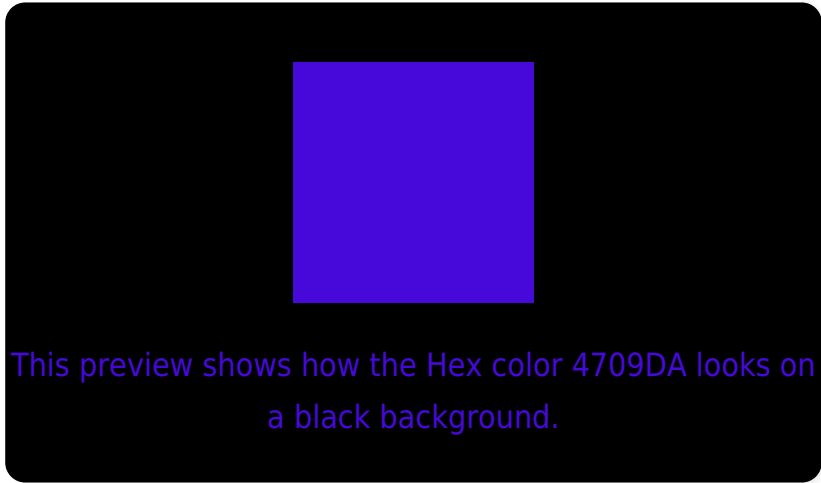
Large Text (above 18pt) WCAG AA ✓ Pass

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

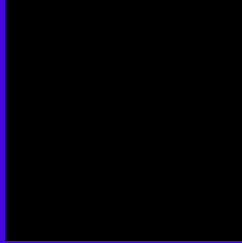
Any Text WCAG AA × Fail

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 4709DA Background



This preview shows how black text looks on a background with the Hex color 4709DA.



This preview shows how white text looks on a background with the Hex color 4709DA.

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
4709DA

Protanopia
004795

Deuteranopia
004C7F

Trichromacy



Original Color
4709DA

Protanomaly
1A30AE

Deuteranomaly
1A34A0

Tritanomaly
1A3787

Monochromacy



Original Color
4709DA

Achromatopsia
333333

Achromatomaly
3A2470

CSS Examples

Text

The CSS property to change the color of the text to Hex 4709DA 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 #4709DA looks like.

```
.text, #text, p{  
    color:#4709DA  
}
```

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 #4709DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4709DA
}
```

Border

The CSS property to change the border of an element to Hex 4709DA 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
#4709DA }
```

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

```
.border{ border-color:#4709DA }
```

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

Here you see how a box with a 4 pixel #4709DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4709DA; -webkit-box-shadow:4px 4px  
4px 4px #4709DA; box-shadow:4px 4px 4px  
4px #4709DA }
```

Background

The CSS property to change the background color of an element to Hex 4709DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4709DA }
```

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

```
.background{ background-color:#4709DA }
```

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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