

Converting Colors

Hex(7049E9)

Have a look what the booklet for
Hex(7049E9) contains.

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Color

Hex(7049E9)

Conversions

Conversions Part 1

Format	Color
Hex	7049E9
RGB	112, 73, 233
RGB Percent	44%, 29%, 91%
CMY	0.5608, 0.7137, 0.0863
CMYK	0.52, 0.69, 0.00, 0.09
HSL	255°, 78%, 60%
HSV	255°, 69%, 91%
XYZ	23.7726, 14.0930, 78.5581
YIQ	102.9010, -28.1160, 58.0280

Conversions

Conversions Part 2

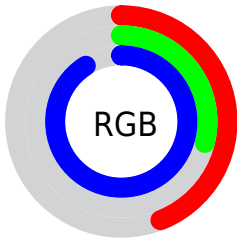
Format	Color
RYB	112, 73, 233
Decimal	7358953
CIELab	44.37, 54.83, -75.30
CIELCh	44, 93.148, 306.060
Yxy	14.0930, 0.2042, 0.1210
Android (android.graphics.Color)	4285549033 (0xFF7049E9)
YUV	102.9010, 64.1388, 7.9798
Hunter-Lab	37.5407, 47.3389, -97.7925

Details

The Hex color **7049E9** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **C2E949**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **AD7CFF**, and **2B16B0** is the 20% darker color. If you saturate the color by 10%, you get **5E32E9**, and if you desaturate by 10%, it is **8260E9**.

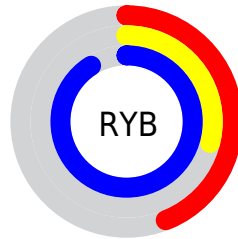
Distribution



Red (44%)

Green (29%)

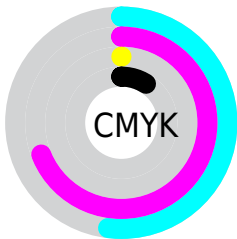
Blue (91%)



Red (44%)

Yellow (29%)

Blue (91%)

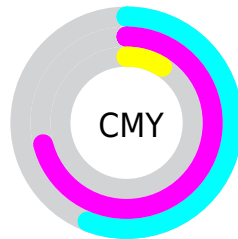


Cyan (52%)

Magenta (69%)

Yellow (0%)

Black (9%)



Cyan (56%)

Magenta (71%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7049E9 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 7049E9 by changing the saturation by 10% instead.

 7049E9

 7049E9

FFFFFF

 5030CC

 AD7CFF

 2B16B0

 CB97FF

 000094

 E9B3FF

 00007A

 FFCFFF

 000060

 FFE8FF

 000847

 000430

 00011A

 000000

7049E9

7049E9

5E32E9

8260E9

4D1AE9

9378E9

3B03E9

A58FE9

3900E9

B6A6E9

C8BEE9

DAD5E9

EBECE9

FDFFE9

FFFFE9

Harmonies

Analogous

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



0070FF



7049E9



CC00AA

Triad

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



7049E9



B04A00



008677

Complementary

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



7049E9



C2E949

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.



008321



7049E9



736C00

Square

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



7049E9



DB000E



007C00



0087C4

Rectangle

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



7049E9



E40077



007C00



00855C

Sweetspot

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



7049E9



D7C9FF



49C4E9



676080



000000



808080

Same Dimension

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



7049E9



612EFF



BE49E9



6C6A75



2C00B5



0D0036

Inverse Universe

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



E949C2



FF2ECC



74E949



756A72



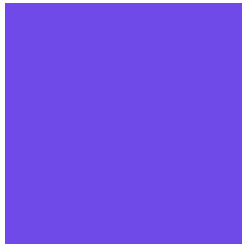
B50089



360028

Previews

White Background



This preview shows how the Hex color 7049E9 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

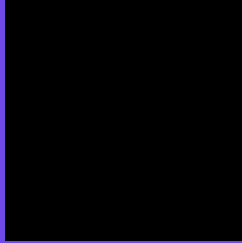
Any Text WCAG AA × Fail

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 7049E9 Background



This preview shows how black text looks on a background with the Hex color 7049E9.

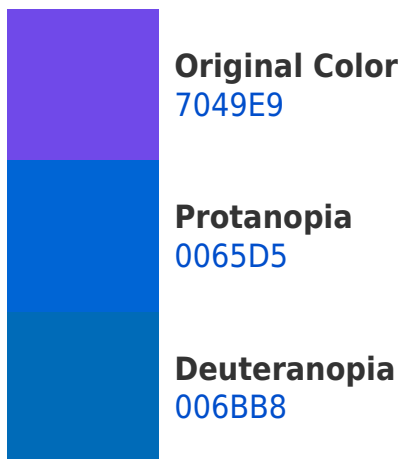


This preview shows how white text looks on a background with the Hex color 7049E9.

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](#).

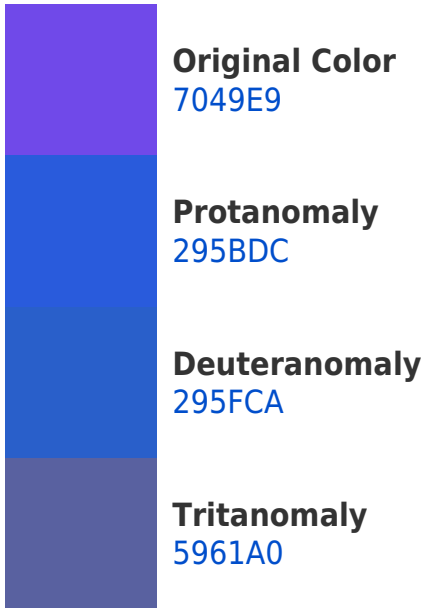
Dichromacy



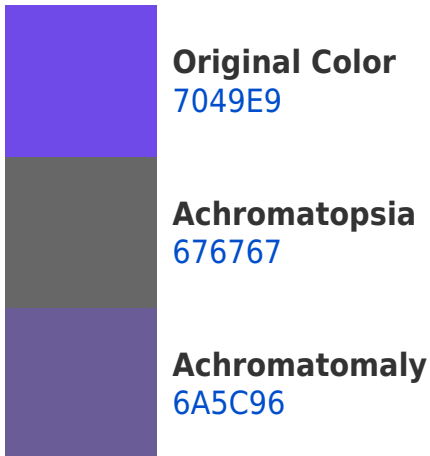


Tritanopia
4C6E77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7049E9 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 #7049E9 looks like.

```
.text, #text, p{  
  color:#7049E9  
}
```

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 #7049E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7049E9
}
```

Border

The CSS property to change the border of an element to Hex 7049E9 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
#7049E9 }
```

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

```
.border{ border-color:#7049E9 }
```

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

Here you see how a box with a 4 pixel #7049E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7049E9; -webkit-box-shadow:4px 4px  
4px 4px #7049E9; box-shadow:4px 4px 4px  
4px #7049E9 }
```

Background

The CSS property to change the background color of an element to Hex 7049E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7049E9 }
```

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

```
.background{ background-color:#7049E9 }
```

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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