

Converting Colors

Hex(6F49D4)

Have a look what the booklet for
Hex(6F49D4) contains.

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Color

Hex(6F49D4)

Conversions

Conversions Part 1

Format	Color
Hex	6F49D4
RGB	111, 73, 212
RGB Percent	44%, 29%, 83%
CMY	0.5647, 0.7137, 0.1686
CMYK	0.48, 0.66, 0.00, 0.17
HSL	256°, 62%, 56%
HSV	256°, 66%, 83%
XYZ	20.8218, 12.8981, 63.6795
YIQ	100.2080, -21.9710, 51.2850

Conversions

Conversions Part 2

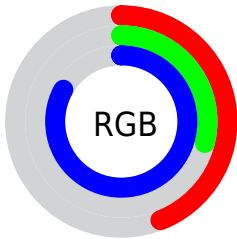
Format	Color
R_{YB}	111, 73, 212
Decimal	7293396
CIE _{Lab}	42.61, 48.79, -66.20
CIE _{LCh}	43, 82.238, 306.388
Yxy	12.8981, 0.2138, 0.1324
Android (android.graphics.Color)	4285483476 (0xFF6F49D4)
YUV	100.2080, 55.1135, 9.4646
Hunter-Lab	35.9139, 40.6395, -79.9884

Details

The Hex color **6F49D4** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **AED449**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **AA7CFF**, and **30189C** is the 20% darker color. If you saturate the color by 10%, you get **6034D4**, and if you desaturate by 10%, it is **7E5ED4**.

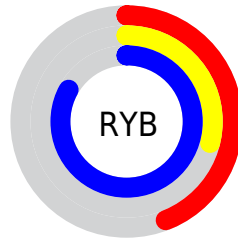
Distribution



Red (44%)

Green (29%)

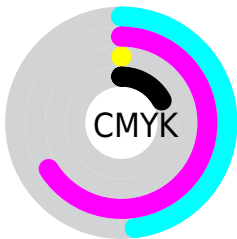
Blue (83%)



Red (44%)

Yellow (29%)

Blue (83%)

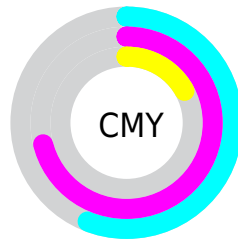


Cyan (48%)

Magenta (66%)

Yellow (0%)

Black (17%)



Cyan (56%)









Magenta (71%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F49D4 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 6F49D4 by changing the saturation by 10% instead.

 6F49D4	 6F49D4
 FFFFFFFF	 5130B8
 AA7CFF	 30189C
 C796FF	 000081
 E5B2FF	 000067
 FFCEFF	 00004E
 FFEAFF	 000536
	 000220
	 000004
	 000000

6F49D4

6F49D4

6034D4

7E5ED4

501FD4

8E73D4

4109D4

9D89D4

3A00D4

AD9ED4

BCB3D4

CBC8D4

DBDDD4

EAF3D4

FAFFD4

Harmonies

Analogous

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



006AEF



6F49D4



BD009C

Triad

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



6F49D4



A54B00



007F72

Complementary

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



6F49D4



AED449

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.



007C28



6F49D4



6E6700

Square

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



6F49D4



CA0D16



167600



007FB5

Rectangle

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



6F49D4



D20070



167600



007E5A

Sweetspot

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



6F49D4



DACCFE



49AFD4



696180



000000



808080

Same Dimension

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



6F49D4



6D36FF



B449D4



63606B



2F00AB



0C002B

Inverse Universe

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



D449AE



FF36C8



69D449



6B6068



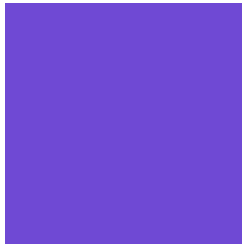
AB007C



2B001F

Previews

White Background



This preview shows how the Hex color 6F49D4 looks on a white background.

Color Contrast Check

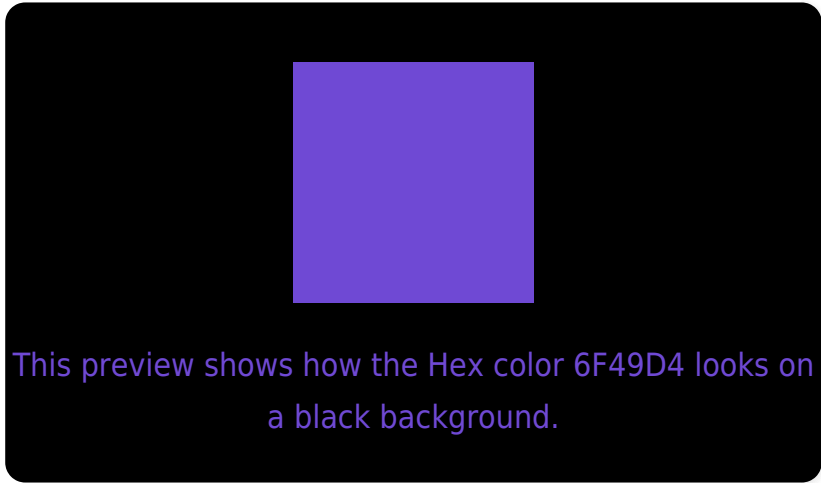
Large Text (above 18pt) WCAG AA ✓ Pass

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

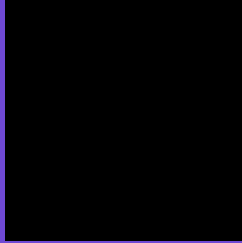
Any Text WCAG AA × Fail

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 6F49D4 Background



This preview shows how black text looks on a background with the Hex color 6F49D4.



This preview shows how white text looks on a background with the Hex color 6F49D4.

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](#).

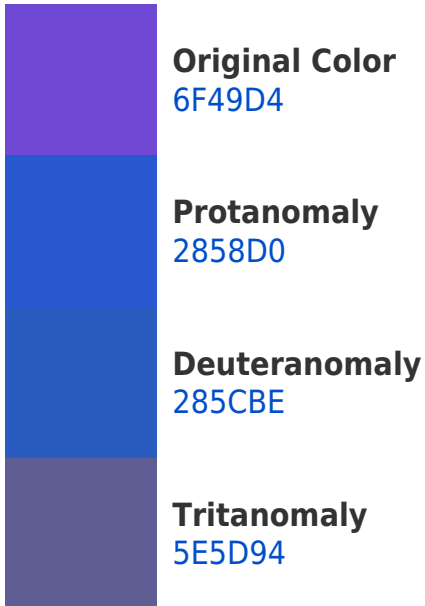
Dichromacy



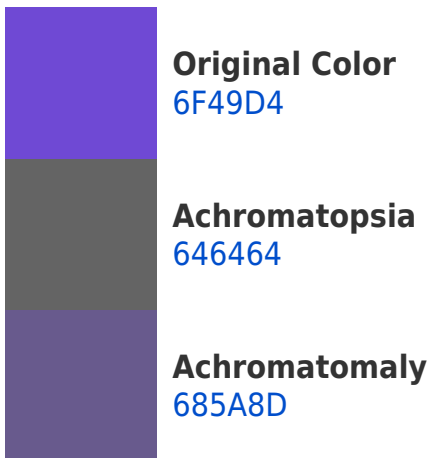


Tritanopia
546870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6F49D4 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 #6F49D4 looks like.

```
.text, #text, p{  
    color:#6F49D4  
}
```

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 #6F49D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F49D4
}
```

Border

The CSS property to change the border of an element to Hex 6F49D4 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".

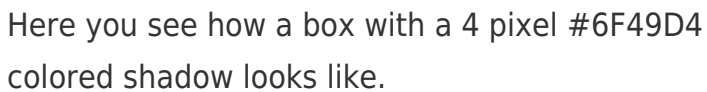
```
.border, #border, table{ border:4px solid
#6F49D4 }
```

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

```
.border{ border-color:#6F49D4 }
```

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

Here you see how a box with a 4 pixel #6F49D4 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F49D4; -webkit-box-shadow:4px 4px  
4px 4px #6F49D4; box-shadow:4px 4px 4px  
4px #6F49D4 }
```

Background

The CSS property to change the background color of an element to Hex 6F49D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F49D4 }
```

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

```
.background{ background-color:#6F49D4 }
```

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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