

Converting Colors

Hex(6449BF)

Have a look what the booklet for
Hex(6449BF) contains.

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Color

Hex(6449BF)

Conversions

Conversions Part 1

Format	Color
Hex	6449BF
RGB	100, 73, 191
RGB Percent	39%, 29%, 75%
CMY	0.6078, 0.7137, 0.2510
CMYK	0.48, 0.62, 0.00, 0.25
HSL	254°, 48%, 52%
HSV	254°, 62%, 75%
XYZ	17.0420, 11.2360, 50.5608
YIQ	94.5250, -21.7860, 42.4220

Conversions

Conversions Part 2

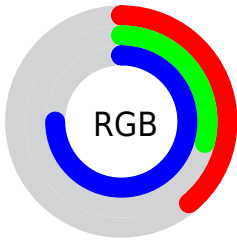
Format	Color
R_{YB}	100, 73, 191
Decimal	6572479
CIE _{Lab}	39.98, 40.67, -58.37
CIE _{LCh}	40, 71.140, 304.871
Yxy	11.2360, 0.2162, 0.1425
Android (android.graphics.Color)	4284762559 (0xFF6449BF)
YUV	94.5250, 47.5622, 4.8016
Hunter-Lab	33.5201, 32.0913, -65.9671

Details

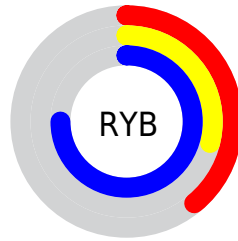
The Hex color **6449BF** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **A4BF49**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **9D7BF8**, and **271A88** is the 20% darker color. If you saturate the color by 10%, you get **5536BF**, and if you desaturate by 10%, it is **735CBF**.

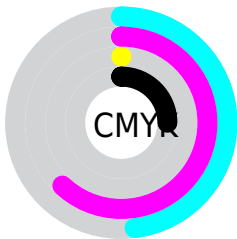
Distribution



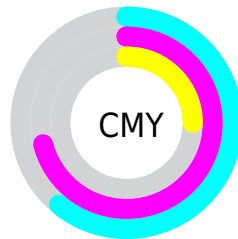
- Red (39%)
- Green (29%)
- Blue (75%)



- Red (39%)
- Yellow (29%)
- Blue (75%)



- Cyan (48%)
- Magenta (62%)
- Yellow (0%)
- Black (25%)



- Cyan (61%)
- Magenta (71%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6449BF 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 6449BF by changing the saturation by 10% instead.

■ 6449BF

■ 6449BF

FFFFFF

■ 4731A3

■ 9D7BF8

■ 271A88

■ BA95FF

■ 00046E

■ D7B0FF

■ 000055

■ F5CCFF

■ 00063D

■ FFE8FF

■ 000326

■ 00010F

■ 000000

■ 6449BF

■ 6449BF

■ 5536BF

■ 735CBF

■ 4723BF

■ 816FBF

■ 3810BF

■ 9082BF

■ 2C00BF

■ 9F95BF

■ AEA9BF

■ BCBCBF

■ CBCFBF

■ DAE2BF

■ E9F5BF

Harmonies

Analogous

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



0063D4



6449BF



A81C91

Triad

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



6449BF



994700



007667

Complementary

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



6449BF



A4BF49

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.



007328



6449BF



6B5F00

Square

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



6449BF



B81F1F



296D00



0076A0

Rectangle

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



6449BF



BC006B



296D00



007552

Sweetspot

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



6449BF



D3C8F7



49A5BF



67607D



FCFCFC



7D7D7D

Same Dimension

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



6449BF



6A40F7



9E49BF



57555E



24009E



07001F

Inverse Universe

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



BF49A4



F740CD



6ABF49



5E555C



9E007A



1F0018

Previews

White Background



This preview shows how the Hex color 6449BF 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

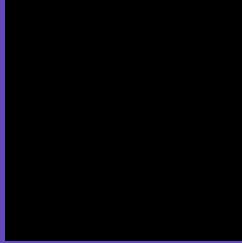
Any Text WCAG AA × Fail

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 6449BF Background



This preview shows how black text looks on a background with the Hex color 6449BF.



This preview shows how white text looks on a background with the Hex color 6449BF.

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
6449BF

Protanopia
005BC1

Deuteranopia
0060A7



Tritanopia
4C6269

Trichromacy



Original Color
6449BF



Protanomaly
2454C0



Deuteranomaly
2458B0



Tritanomaly
555988

Monochromacy



Original Color
6449BF



Achromatopsia
5F5F5F



Achromatomaly
615782

CSS Examples

Text

The CSS property to change the color of the text to Hex 6449BF 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 #6449BF looks like.

```
.text, #text, p{  
    color:#6449BF  
}
```

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 #6449BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6449BF
}
```

Border

The CSS property to change the border of an element to Hex 6449BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

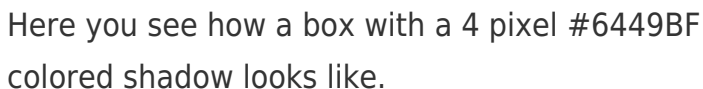
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6449BF }
```

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

```
.border{ border-color:#6449BF }
```

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



Here you see how a box with a 4 pixel #6449BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6449BF; -webkit-box-shadow:4px 4px  
4px 4px #6449BF; box-shadow:4px 4px 4px  
4px #6449BF }
```

Background

The CSS property to change the background color of an element to Hex 6449BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6449BF }
```

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

```
.background{ background-color:#6449BF }
```

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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