

Converting Colors

Hex(693BD9)

Have a look what the booklet for
Hex(693BD9) contains.

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Color

Hex(693BD9)

Conversions

Conversions Part 1

Format	Color
Hex	693BD9
RGB	105, 59, 217
RGB Percent	41%, 23%, 85%
CMY	0.5882, 0.7686, 0.1490
CMYK	0.52, 0.73, 0.00, 0.15
HSL	257°, 68%, 54%
HSV	257°, 73%, 85%
XYZ	19.9140, 11.1409, 66.7465
YIQ	90.7660, -23.3020, 58.8900

Conversions

Conversions Part 2

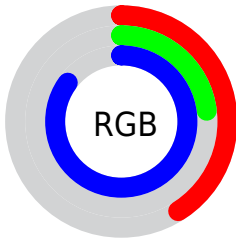
Format	Color
R _Y B	105, 59, 217
Decimal	6896601
CIE Lab	39.82, 56.38, -73.66
CIE LCh	40, 92.761, 307.430
Yxy	11.1409, 0.2036, 0.1139
Android (android.graphics.Color)	4285086681 (0xFF693BD9)
YUV	90.7660, 62.2334, 12.4832
Hunter-Lab	33.3780, 48.0853, -95.1983

Details

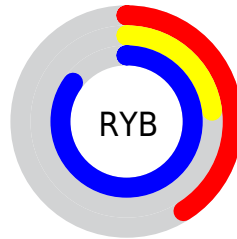
The Hex color **693BD9** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **ABD93B**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **A56FFF**, and **2301A1** is the 20% darker color. If you saturate the color by 10%, you get **5A25D9**, and if you desaturate by 10%, it is **7851D9**.

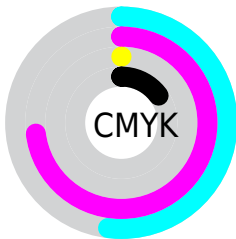
Distribution



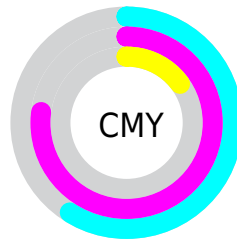
- Red (41%)
- Green (23%)
- Blue (85%)



- Red (41%)
- Yellow (23%)
- Blue (85%)



- Cyan (52%)
- Magenta (73%)
- Yellow (0%)
- Black (15%)



- Cyan (59%)
- Magenta (77%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 693BD9 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 693BD9 by changing the saturation by 10% instead.

693BD9

693BD9

FFFFFF

4921BD

A56FFF

2301A1

C389FF

000086

E2A4FF

00006C

FFC0FF

000152

FFDCFF

00053A

FFF9FF

000223

00000B

000000

■ 693BD9

■ 693BD9

■ 5A25D9

■ 7851D9

■ 4A10D9

■ 8866D9

■ 3F00D9

■ 977CD9

■ A792D9

■ B6A7D9

■ C5BDD9

■ D5D3D9

■ E4E9D9

■ F3FED9

Harmonies

Analogous

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



0064F9



693BD9



C0009A

Triad

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



693BD9



9F4200



007970

Complementary

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



693BD9



ABD93B

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.



00771B



693BD9



626200

Square

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



693BD9



CA0000



007000



007ABA

Rectangle

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



693BD9



D60068



007000



007955

Sweetspot

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



693BD9



D7C7FF



3BACD9



685E80



000000



808080

Same Dimension

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



693BD9



6221FF



B73BD9



66636E



3200AD



0D002E

Inverse Universe

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



D93BAB



FF21BE



5DD93B



6E636A



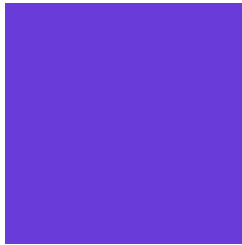
AD007B



2E0021

Previews

White Background



This preview shows how the Hex color 693BD9 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

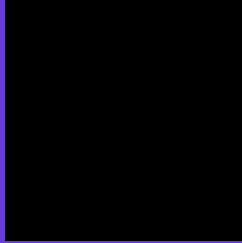
Any Text WCAG AA × Fail

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 693BD9 Background



This preview shows how black text looks on a background with the Hex color 693BD9.

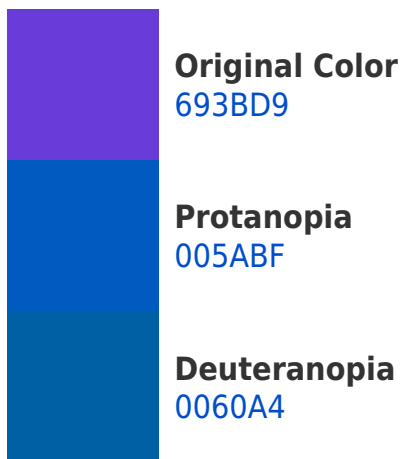



This preview shows how white text looks on a background with the Hex color 693BD9.

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
47626A

Trichromacy



Original Color
693BD9



Protanomaly
264FC8



Deuteranomaly
2653B7



Tritanomaly
535492

Monochromacy



Original Color
693BD9



Achromatopsia
5B5B5B



Achromatomaly
604F89

CSS Examples

Text

The CSS property to change the color of the text to Hex 693BD9 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 #693BD9 looks like.

```
.text, #text, p{  
    color:#693BD9  
}
```

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 #693BD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #693BD9
}
```

Border

The CSS property to change the border of an element to Hex 693BD9 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
#693BD9 }
```

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

```
.border{ border-color:#693BD9 }
```

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

Here you see how a box with a 4 pixel #693BD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #693BD9; -webkit-box-shadow:4px 4px  
4px 4px #693BD9; box-shadow:4px 4px 4px  
4px #693BD9 }
```

Background

The CSS property to change the background color of an element to Hex 693BD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#693BD9 }
```

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

```
.background{ background-color:#693BD9 }
```

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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