

Converting Colors

Hex(693CB0)

Have a look what the booklet for
Hex(693CB0) contains.

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Color

Hex(693CB0)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 693CB0 |
| RGB | 105, 60, 176 |
| RGB Percent | 41%, 24%, 69% |
| CMY | 0.5882, 0.7647, 0.3098 |
| CMYK | 0.40, 0.66, 0.00, 0.31 |
| HSL | 263°, 49%, 46% |
| HSV | 263°, 66%, 69% |
| XYZ | 15.2780, 9.3696, 42.0776 |
| YIQ | 86.6790, -10.4160, 45.6160 |

Conversions

Conversions Part 2

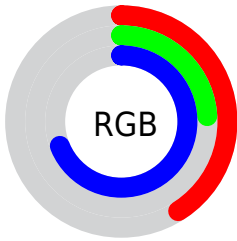
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 105, 60, 176 |
| Decimal | 6896816 |
| CIE _{Lab} | 36.69, 44.76, -54.84 |
| CIE _{LCh} | 37, 70.790, 309.224 |
| Yxy | 9.3696, 0.2290, 0.1404 |
| Android (android.graphics.Color) | 4285086896 (0xFF693CB0) |
| YUV | 86.6790, 44.0353, 16.0675 |
| Hunter-Lab | 30.6097, 35.5264, -60.0759 |

Details

The Hex color **693CB0** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **83B03C**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **A16EE8**, and **30097A** is the 20% darker color. If you saturate the color by 10%, you get **5E2AB0**, and if you desaturate by 10%, it is **744EB0**.

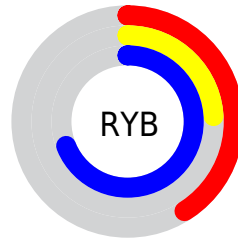
Distribution



Red (41%)

Green (24%)

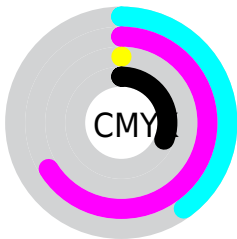
Blue (69%)



Red (41%)

Yellow (24%)

Blue (69%)

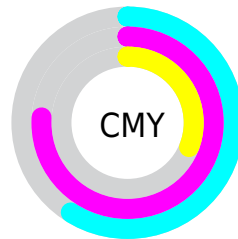


Cyan (40%)

Magenta (66%)

Yellow (0%)

Black (31%)



Cyan (59%)

Magenta (76%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 693CB0 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 693CB0 by changing the saturation by 10% instead.

 693CB0

 693CB0

FFFFFF

 4D2495

 A16EE8

 30097A

 BE88FF

 0C0061

 DBA3FF

 000048

 F8BFFF

 000431

 FFDBFF

 00011B

 FFF8FF

 000000

 693CB0

 693CB0

 5E2AB0

 744EB0

5319B0

7F5FB0

4907B0

8971B0

4400B0

9482B0

9F94B0

AAA6B0

B4B7B0

BFC9B0

CADAB0

Harmonies

Analogous

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



0059C9



693CB0



A40080

Triad

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



693CB0



894400



006D67

Complementary

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



693CB0



83B03C

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.



006B2A



693CB0



5B5A00

Square

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



693CB0



AA1B0E



086500



006D9E

Rectangle

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



693CB0



B4005A



086500



006D53

Sweetspot

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



693CB0



C9B8E6



3C84B0



625773



F2F2F2



737373

Same Dimension

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



693CB0



7730E6



A23CB0



545059



3B0099



0A001A

Inverse Universe

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



B03C83



E6309F



4AB03C



595056



99005E



1A0010

Previews

White Background



This preview shows how the Hex color 693CB0 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

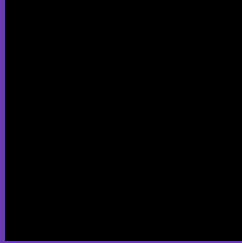
Any Text WCAG AA × Fail

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 693CB0 Background



This preview shows how black text looks on a background with the Hex color 693CB0.

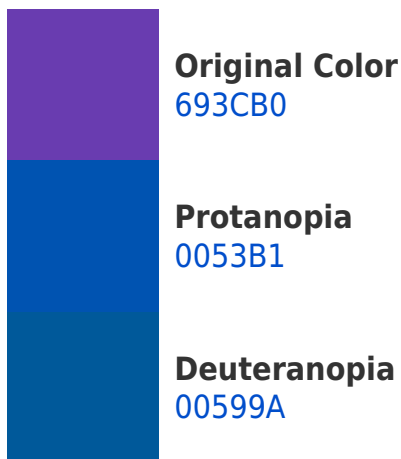



This preview shows how white text looks on a background with the Hex color 693CB0.

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](#).

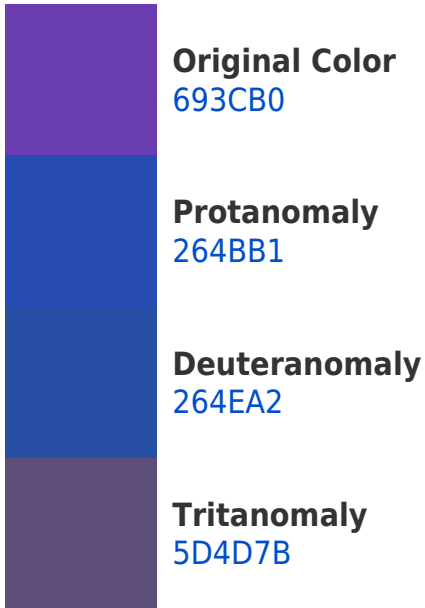
Dichromacy





Tritanopia
56565D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 693CB0 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 #693CB0 looks like.

```
.text, #text, p{  
    color:#693CB0  
}
```

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 #693CB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #693CB0
}
```

Border

The CSS property to change the border of an element to Hex 693CB0 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
#693CB0 }
```

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

```
.border{ border-color:#693CB0 }
```

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

Here you see how a box with a 4 pixel #693CB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #693CB0; -webkit-box-shadow:4px 4px  
4px 4px #693CB0; box-shadow:4px 4px 4px  
4px #693CB0 }
```

Background

The CSS property to change the background color of an element to Hex 693CB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#693CB0 }
```

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

```
.background{ background-color:#693CB0 }
```

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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