

# Converting Colors

Hex(693ABB)

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

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# Color

**Hex(693ABB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	693ABB
RGB	105, 58, 187
RGB Percent	41%, 23%, 73%
CMY	0.5882, 0.7725, 0.2667
CMYK	0.44, 0.69, 0.00, 0.27
HSL	262°, 53%, 48%
HSV	262°, 69%, 73%
XYZ	16.3084, 9.6172, 48.0105
YIQ	86.7590, -13.3970, 50.0830

# Conversions

## Conversions Part 2

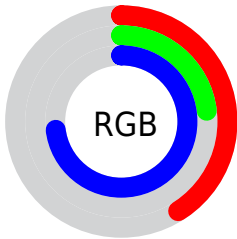
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 58, 187
Decimal	6896315
CIE <sub>Lab</sub>	37.15, 48.76, -60.59
CIE <sub>LCh</sub>	37, 77.776, 308.824
Yxy	9.6172, 0.2206, 0.1301
Android (android.graphics.Color)	4285086395 (0xFF693ABB)
YUV	86.7590, 49.4188, 15.9974
Hunter-Lab	31.0117, 39.5991, -70.0812

# Details

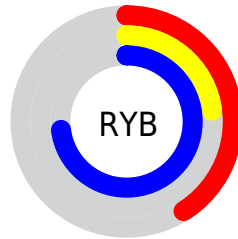
The Hex color **693ABB** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **8CBB3A**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **A26DF4**, and **2D0485** is the 20% darker color. If you saturate the color by 10%, you get **5D27BB**, and if you desaturate by 10%, it is **754DBB**.

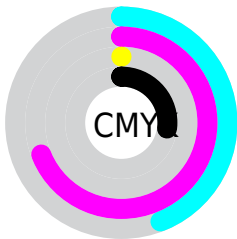
# Distribution



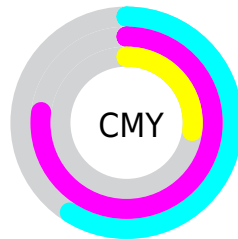
- Red (41%)
- Green (23%)
- Blue (73%)



- Red (41%)
- Yellow (23%)
- Blue (73%)



- Cyan (44%)
- Magenta (69%)
- Yellow (0%)
- Black (27%)



- Cyan (59%)
- Magenta (77%)
- Yellow (27%)

# Brightness & Saturation Gradients

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



 693ABB

 693ABB

FFFFFF

 4C219F

 A26DF4

 2D0485

 BF87FF

 00006B

 DCA2FF

 000052

 FABDFF

 000539

 FFDAFF

 000223

 FFF6FF

 00000A

 000000

 693ABB

 693ABB

■ 5D27BB

■ 754DBB

■ 5115BB

■ 815FBB

■ 4502BB

■ 8D72BB

■ 4400BB

■ 9985BB

■ A498BB

■ B0AABB

■ BCBDBB

■ C8D0BB

■ D4E2BB

# Harmonies

## Analogous

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



005BD6



693ABB



AC0086

# Triad

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



693ABB



8E4200



007069

# Complementary

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



693ABB



8CBB3A

# 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.



006D25



693ABB



5B5B00

# Square

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



693ABB



B20607



006800



0070A6

# Rectangle

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



693ABB



BD005D



006800



006F53



# Sweetspot

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



693ABB



D2BFF2



3A8EBB



675C7A



FAFAFA



7A7A7A



# Same Dimension

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



693ABB



7229F2



A83ABB



58555E



3A009E



0B001F



# Inverse Universe

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



BB3A8C



F229A9



4DBB3A



5E555B



9E0064



1F0013



# Previews

## White Background



This preview shows how the Hex color 693ABB looks on a white background.

## Color Contrast Check

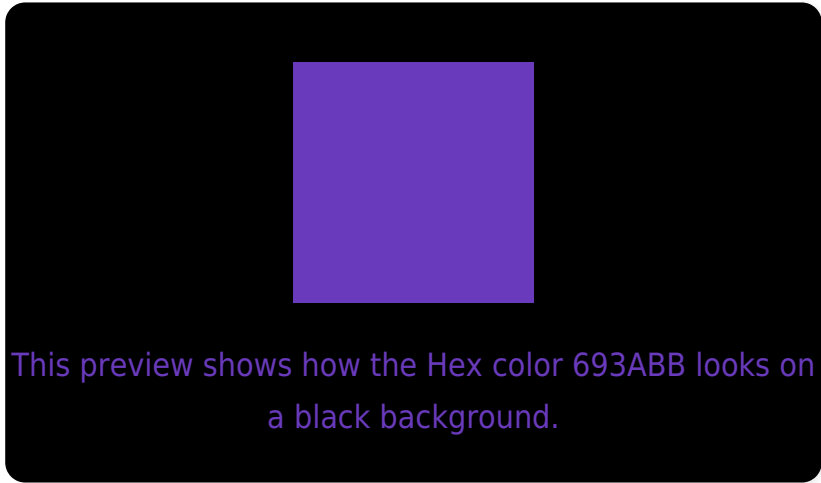
Large Text (above 18pt) WCAG AA ✓ Pass

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 693ABB Background



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

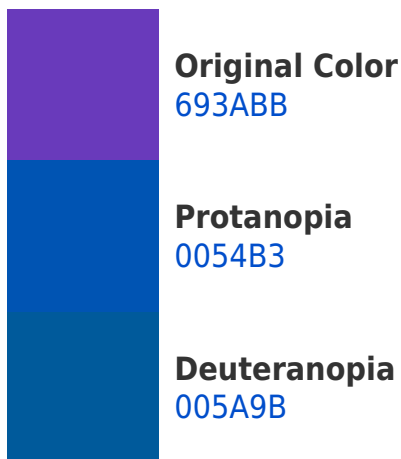



This preview shows how white text looks on a background with the Hex color 693ABB.

# 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](#).

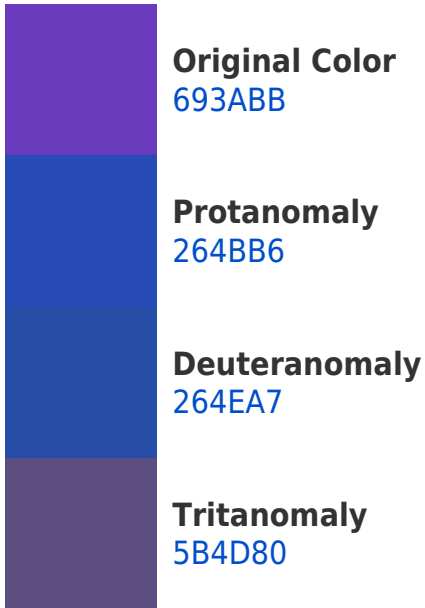
## Dichromacy



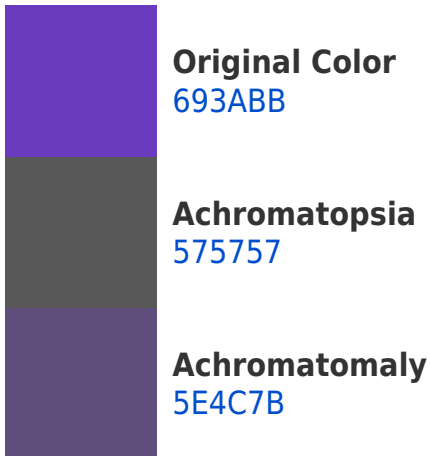


**Tritanopia**  
53585F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #693ABB colored shadow looks like.

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

## Border

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

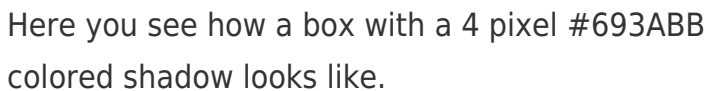
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#693ABB }
```

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

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

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



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

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

# Background

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

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

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

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

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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