

Converting Colors

Hex(685BBA)

Have a look what the booklet for
Hex(685BBA) contains.

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Color

Hex(685BBA)

Conversions

Conversions Part 1

Format	Color
Hex	685BBA
RGB	104, 91, 186
RGB Percent	41%, 36%, 73%
CMY	0.5922, 0.6431, 0.2706
CMYK	0.44, 0.51, 0.00, 0.27
HSL	248°, 41%, 54%
HSV	248°, 51%, 73%
XYZ	18.3129, 13.9704, 48.1857
YIQ	105.7170, -22.7470, 32.3010

Conversions

Conversions Part 2

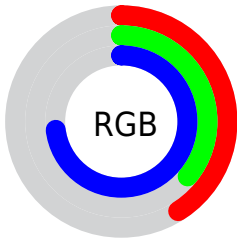
Format	Color
RYB	104, 91, 186
Decimal	6839226
CIELab	44.19, 29.34, -48.63
CIElCh	44, 56.801, 301.106
Yxy	13.9704, 0.2276, 0.1736
Android (android.graphics.Color)	4285029306 (0xFF685BBA)
YUV	105.7170, 39.5795, -1.5058
Hunter-Lab	37.3770, 22.0467, -50.2717

Details

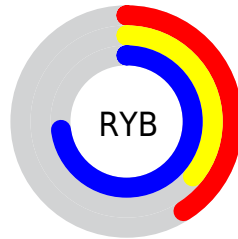
The Hex color **685BBA** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **ADBA5B**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **9F8DF3**, and **302D84** is the 20% darker color. If you saturate the color by 10%, you get **5848BA**, and if you desaturate by 10%, it is **786EBA**.

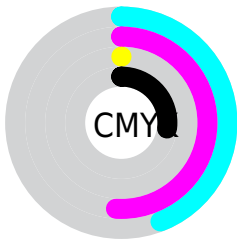
Distribution



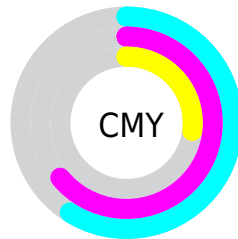
- Red (41%)
- Green (36%)
- Blue (73%)



- Red (41%)
- Yellow (36%)
- Blue (73%)



- Cyan (44%)
- Magenta (51%)
- Yellow (0%)
- Black (27%)



- Cyan (59%)
- Magenta (64%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 685BBA 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 685BBA by changing the saturation by 10% instead.

■ 685BBA

■ 685BBA

FFFFFF

■ 4D439F

■ 9F8DF3

■ 302D84

■ BCA8FF

■ 0C186A

■ D9C3FF

■ 000151

■ F6DFFF

■ 00023A

■ FFFCFF

■ 000223

■ 00000A

■ 000000

■ 685BBA

■ 685BBA

■ 5848BA

■ 786EBA

■ 4836BA

■ 8880BA

■ 3823BA

■ 9893BA

■ 2811BA

■ A8A5BA

■ 1900BA

■ B8B8BA

■ C8CBBA

■ D8DDBA

■ E8F0BA

■ F8FFBA

Harmonies

Analogous

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



006EC8



685BBA



A24497

Triad

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



685BBA



A1540E



007E69

Complementary

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



685BBA



ADBA5B

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.



007B38



685BBA



7C6700

Square

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



685BBA



B83F3B



4D7403



007D98

Rectangle

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



685BBA



B53779



4D7403



007D58

Sweetspot

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



685BBA



D3CEF2



5BADBA



67647A



FAFAFA



7A7A7A

Same Dimension

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



685BBA



735EF2



975BBA



54535C



15009C



04001C

Inverse Universe

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



BA5BAD



F25EDE



7EBA5B



5C535B



9C0086



1C0018

Previews

White Background



This preview shows how the Hex color 685BBA looks on a white background.

Color Contrast Check

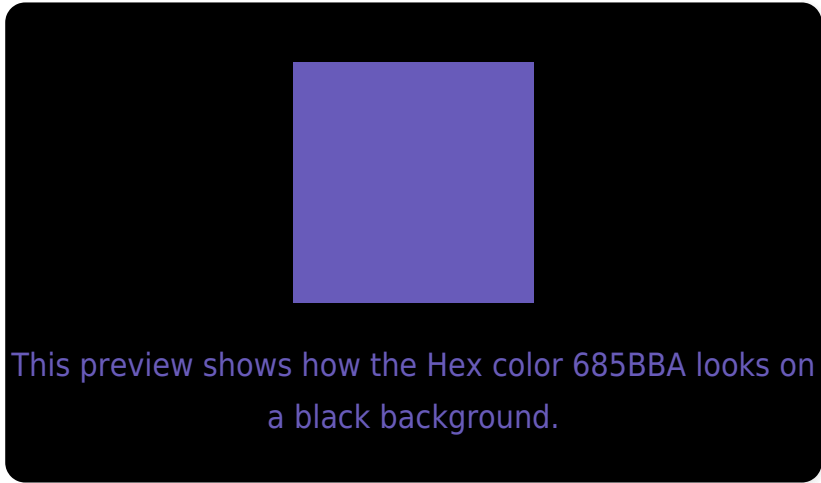
Large Text (above 18pt) WCAG AA ✓ Pass

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

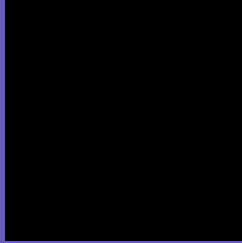
Any Text WCAG AA × Fail

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 685BBA Background



This preview shows how black text looks on a background with the Hex color 685BBA.

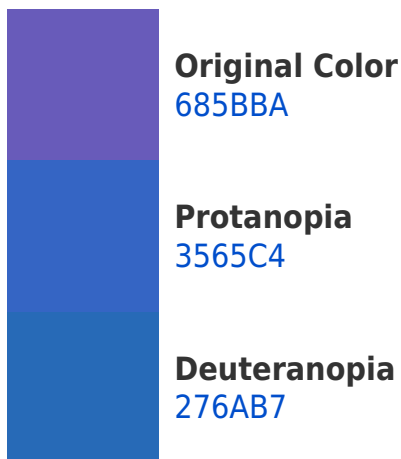


This preview shows how white text looks on a background with the Hex color 685BBA.

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](#).

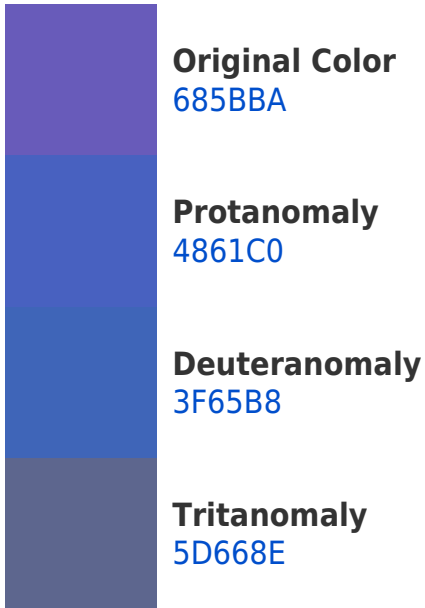
Dichromacy





Tritanopia
566C75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 685BBA 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 #685BBA looks like.

```
.text, #text, p{  
    color:#685BBA  
}
```

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 #685BBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #685BBA
}
```

Border

The CSS property to change the border of an element to Hex 685BBA 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
#685BBA }
```

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

```
.border{ border-color:#685BBA }
```

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

Here you see how a box with a 4 pixel #685BBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #685BBA; -webkit-box-shadow:4px 4px  
4px 4px #685BBA; box-shadow:4px 4px 4px  
4px #685BBA }
```

Background

The CSS property to change the background color of an element to Hex 685BBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#685BBA }
```

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

```
.background{ background-color:#685BBA }
```

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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