

Converting Colors

Hex(685AB5)

Have a look what the booklet for
Hex(685AB5) contains.

Hex(685AB5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(685AB5)

Conversions

Conversions Part 1

Format	Color
Hex	685AB5
RGB	104, 90, 181
RGB Percent	41%, 35%, 71%
CMY	0.5922, 0.6471, 0.2902
CMYK	0.43, 0.50, 0.00, 0.29
HSL	249°, 38%, 53%
HSV	249°, 50%, 71%
XYZ	17.7056, 13.5916, 45.4063
YIQ	104.5600, -20.8670, 31.2690

Conversions

Conversions Part 2

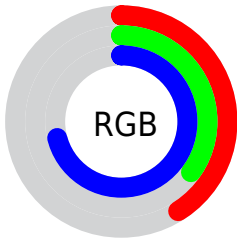
Format	Color
R_{YB}	104, 90, 181
Decimal	6838965
CIE _{Lab}	43.64, 28.48, -46.59
CIE _{LCh}	44, 54.609, 301.438
Yxy	13.5916, 0.2308, 0.1772
Android (android.graphics.Color)	4285029045 (0xFF685AB5)
YUV	104.5600, 37.6849, -0.4911
Hunter-Lab	36.8668, 21.2093, -47.2168

Details

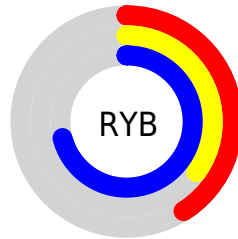
The Hex color **685AB5** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A7B55A**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **9F8CED**, and **312C7F** is the 20% darker color. If you saturate the color by 10%, you get **5948B5**, and if you desaturate by 10%, it is **776CB5**.

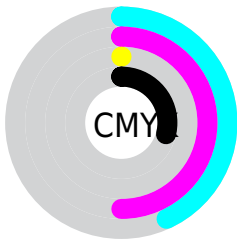
Distribution



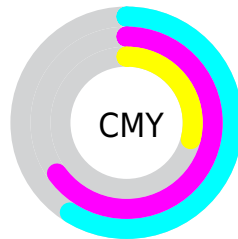
- Red (41%)
- Green (35%)
- Blue (71%)



- Red (41%)
- Yellow (35%)
- Blue (71%)



- Cyan (43%)
- Magenta (50%)
- Yellow (0%)
- Black (29%)



- Cyan (59%)
- Magenta (65%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 685AB5 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 685AB5 by changing the saturation by 10% instead.

685AB5

685AB5

FFFFFF

4D429A

9F8CED

312C7F

BBA7FF

101766

D8C2FF

00004D

F5DEFF

000436

FFFBFF

00021F

000003

000000

685AB5

685AB5

■ 5948B5

■ 776CB5

■ 4936B5

■ 877EB5

■ 3A24B5

■ 9690B5

■ 2B12B5

■ A5A2B5

■ 1C00B5

■ B5B5B5

■ C4C7B5

■ D3D9B5

■ E3EBB5

■ F2FDB5

Harmonies

Analogous

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



006CC2



685AB5



9F4493

Triad

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



685AB5



9D5411



007C68

Complementary

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



685AB5



A7B55A

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.



007939



685AB5



7A6600

Square

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



685AB5



B3403B



4D720A



007B95

Rectangle

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



685AB5



B13976



4D720A



007B58

Sweetspot

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



685AB5



CDC7EB



5AA7B5



636075



F5F5F5



757575

Same Dimension

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



685AB5



735EEB



955AB5



525059



180099



04001A

Inverse Universe

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



B55AA7



EB5ED5



7AB55A



595058



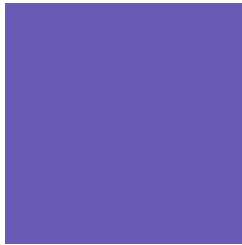
990081



1A0016

Previews

White Background



This preview shows how the Hex color 685AB5 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



This preview shows how the Hex color 685AB5 looks on a 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 685AB5 Background



This preview shows how black text looks on a background with the Hex color 685AB5.

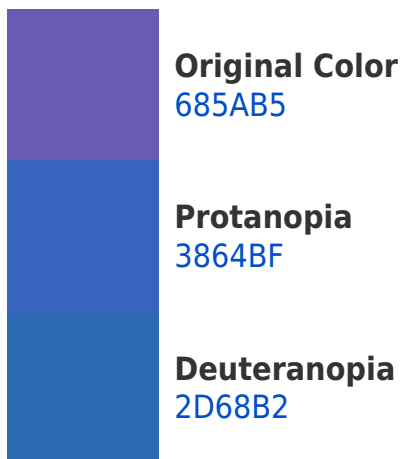


This preview shows how white text looks on a background with the Hex color 685AB5.

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](#).

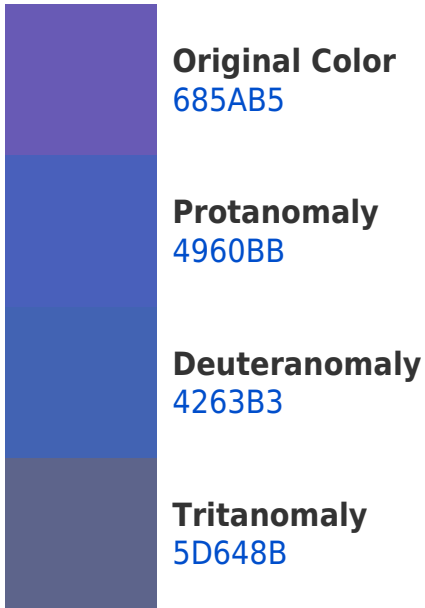
Dichromacy





Tritanopia
576A73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 685AB5 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 #685AB5 looks like.

```
.text, #text, p{  
    color:#685AB5  
}
```

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 #685AB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #685AB5
}
```

Border

The CSS property to change the border of an element to Hex 685AB5 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
#685AB5 }
```

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

```
.border{ border-color:#685AB5 }
```

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

Here you see how a box with a 4 pixel #685AB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #685AB5; -webkit-box-shadow:4px 4px  
4px 4px #685AB5; box-shadow:4px 4px 4px  
4px #685AB5 }
```

Background

The CSS property to change the background color of an element to Hex 685AB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#685AB5 }
```

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

```
.background{ background-color:#685AB5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor