

Converting Colors

Hex(685EB3)

Have a look what the booklet for
Hex(685EB3) contains.

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Color

Hex(685EB3)

Conversions

Conversions Part 1

Format	Color
Hex	685EB3
RGB	104, 94, 179
RGB Percent	41%, 37%, 70%
CMY	0.5922, 0.6314, 0.2980
CMYK	0.42, 0.47, 0.00, 0.30
HSL	247°, 36%, 54%
HSV	247°, 47%, 70%
XYZ	17.8483, 14.2031, 44.4486
YIQ	106.6800, -21.3250, 28.5550

Conversions

Conversions Part 2

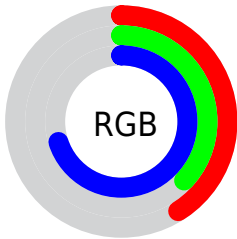
Format	Color
R_{YB}	104, 94, 179
Decimal	6839987
CIE _{Lab}	44.52, 25.45, -44.01
CIE _{LCh}	45, 50.842, 300.036
Yxy	14.2031, 0.2333, 0.1857
Android (android.graphics.Color)	4285030067 (0xFF685EB3)
YUV	106.6800, 35.6538, -2.3504
Hunter-Lab	37.6870, 18.5839, -43.5465

Details

The Hex color **685EB3** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A9B35E**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **9F91EB**, and **32307E** is the 20% darker color. If you saturate the color by 10%, you get **584CB3**, and if you desaturate by 10%, it is **7870B3**.

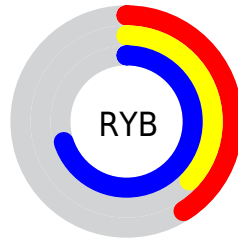
Distribution



Red (41%)

Green (37%)

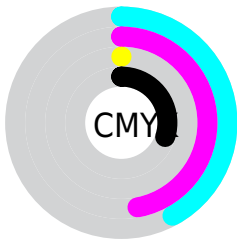
Blue (70%)



Red (41%)

Yellow (37%)

Blue (70%)

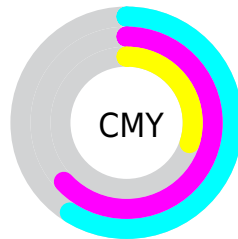


Cyan (42%)

Magenta (47%)

Yellow (0%)

Black (30%)



Cyan (59%)

Magenta (63%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 685EB3 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 685EB3 by changing the saturation by 10% instead.

■ 685EB3

■ 685EB3

FFFFFF

■ 4D4698

■ 9F91EB

■ 32307E

■ BBABFF

■ 121B64

■ D7C6FF

■ 00044C

■ F4E2FF

■ 000334

■ 00021E

■ 000000

■ 685EB3

■ 685EB3

■ 584CB3

■ 7870B3

483AB3

8882B3

3928B3

9794B3

2916B3

A7A6B3

1905B3

B7B8B3

1500B3

C7C9B3

D7DBB3

E6EDB3

F6FFB3

Harmonies

Analogous

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



006EBE



685EB3



9C4B94

Triad

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



685EB3



9F571D



007D68

Complementary

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



685EB3



A9B35E

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.



007A3D



685EB3



7E6702

Square

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



685EB3



B24642



547316



007D93

Rectangle

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



685EB3



AE4179



547316



007C59

Sweetspot

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



685EB3



CBC8E8



5EA9B3



646175



F5F5F5



757575

Same Dimension

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



685EB3



7364E8



925EB3



515059



120099



03001A

Inverse Universe

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



B35EA9



E864D8



7FB35E



595058



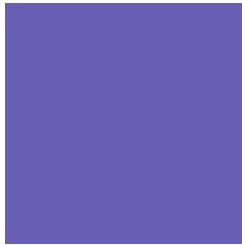
990087



1A0017

Previews

White Background



This preview shows how the Hex color 685EB3 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

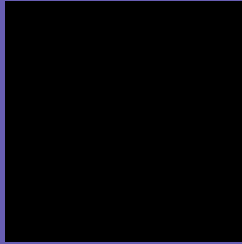
Any Text WCAG AA × Fail

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 685EB3 Background



This preview shows how black text looks on a background with the Hex color 685EB3.

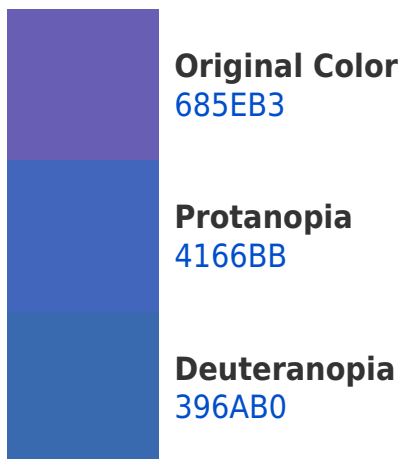


This preview shows how white text looks on a background with the Hex color 685EB3.

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
596C75

Trichromacy



Original Color
685EB3

Protanomaly
4F63B8

Deuteranomaly
4A66B1

Tritanomaly
5E678C

Monochromacy



Original Color
685EB3

Achromatopsia
6B6B6B

Achromatomaly
6A6685

CSS Examples

Text

The CSS property to change the color of the text to Hex 685EB3 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 #685EB3 looks like.

```
.text, #text, p{  
    color:#685EB3  
}
```

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 #685EB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #685EB3
}
```

Border

The CSS property to change the border of an element to Hex 685EB3 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
#685EB3 }
```

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

```
.border{ border-color:#685EB3 }
```

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

Here you see how a box with a 4 pixel #685EB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #685EB3; -webkit-box-shadow:4px 4px  
4px 4px #685EB3; box-shadow:4px 4px 4px  
4px #685EB3 }
```

Background

The CSS property to change the background color of an element to Hex 685EB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#685EB3 }
```

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

```
.background{ background-color:#685EB3 }
```

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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