

Converting Colors

Hex(B689FF)

Have a look what the booklet for
Hex(B689FF) contains.

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Color

Hex(B689FF)

Conversions

Conversions Part 1

Format	Color
Hex	B689FF
RGB	182, 137, 255
RGB Percent	71%, 54%, 100%
CMY	0.2863, 0.4627, 0.0000
CMYK	0.29, 0.46, 0.00, 0.00
HSL	263°, 100%, 77%
HSV	263°, 46%, 100%
XYZ	46.2871, 35.0564, 98.9347
YIQ	163.9070, -11.0580, 46.2380

Conversions

Conversions Part 2

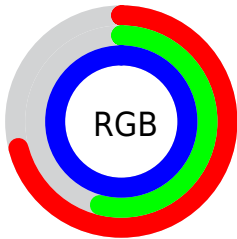
Format	Color
R _Y B	182, 137, 255
Decimal	11962879
CIE Lab	65.79, 40.82, -52.69
CIE LCh	66, 66.656, 307.768
Yxy	35.0564, 0.2568, 0.1945
Android (android.graphics.Color)	4290152959 (0xFFB689FF)
YUV	163.9070, 44.9088, 15.8676
Hunter-Lab	59.2084, 35.9302, -57.6251

Details

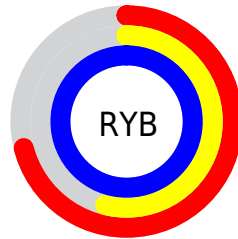
The Hex color **B689FF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **D2FF89**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **F0BFFF**, and **7E56C6** is the 20% darker color. If you saturate the color by 10%, you get **A670FF**, and if you desaturate by 10%, it is **C6A3FF**.

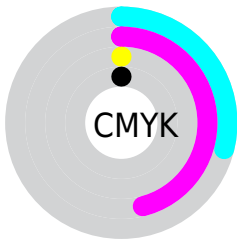
Distribution



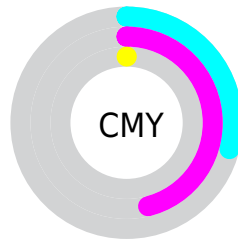
- Red (71%)
- Green (54%)
- Blue (100%)



- Red (71%)
- Yellow (54%)
- Blue (100%)



- Cyan (29%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (46%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B689FF 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 B689FF by changing the saturation by 10% instead.

 B689FF

 B689FF

FFFFFF

 9A6FE2

 F0BFFF

 7E56C6

 FFDBFF

 623EAA

 FFF8FF


 47268F

 2A0D75

 02005B

 000043

 00032C

 000116

 B689FF

 B689FF

 A670FF

 C6A3FF

 9656FF

 D6BCFF

 873CFF

 E5D6FF

 7723FF

 F5EFFF

 6709FF

FFFFFF

 6100FF

Harmonies

Analogous

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



2AA2FF



B689FF



F46FCE

Triad

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



B689FF



E18C2A



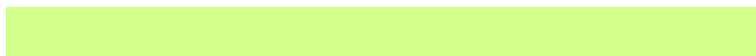
00BCAE

Complementary

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



B689FF



D2FF89

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.



00B970



B689FF



B0A213

Square

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



B689FF



FF735A



70B139



00BAE8

Rectangle

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



B689FF



FF66A7



70B139



00BC99

Sweetspot

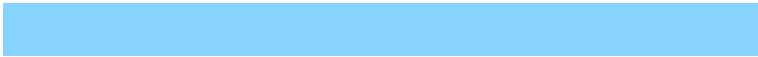
The Sweet Spot groups the original color and five complimentary colors.



B689FF



E9DBFF



89D4FF



726A80



000000



808080

Same Dimension

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



B689FF



A770FF



EF89FF



787380



4900BF



180040

Inverse Universe

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



FF89D2



FF70C9



99FF89



80737B



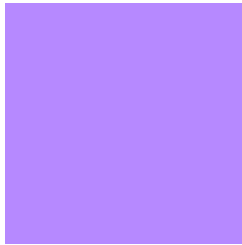
BF0076



400027

Previews

White Background



This preview shows how the Hex color B689FF looks on a white 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

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B689FF Background



This preview shows how black text looks on a background with the Hex color B689FF.

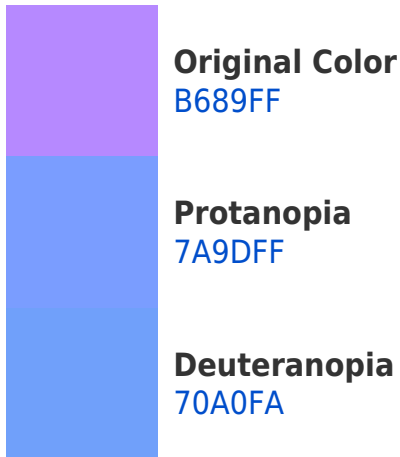


This preview shows how white text looks on a background with the Hex color B689FF.

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](#).

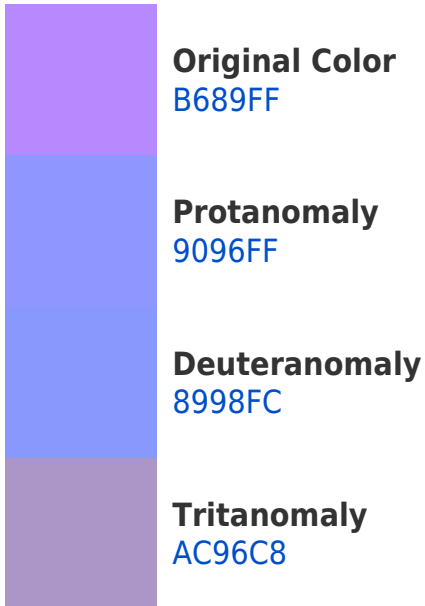
Dichromacy



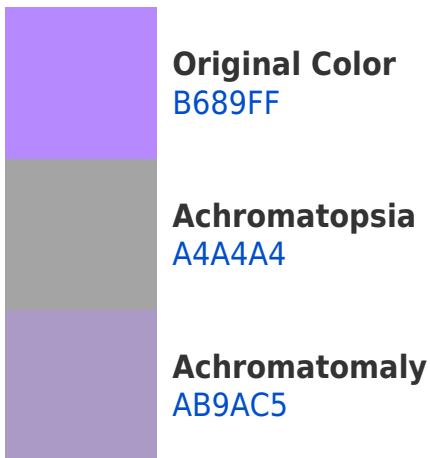


Tritanopia
A69DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B689FF 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 #B689FF looks like.

```
.text, #text, p{  
    color:#B689FF  
}
```

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 #B689FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B689FF
}
```

Border

The CSS property to change the border of an element to Hex B689FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

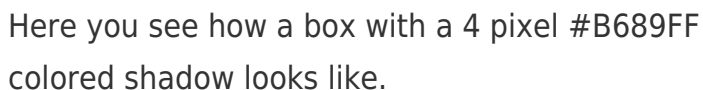
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B689FF }
```

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

```
.border{ border-color:#B689FF }
```

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



Here you see how a box with a 4 pixel #B689FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B689FF; -webkit-box-shadow:4px 4px  
4px 4px #B689FF; box-shadow:4px 4px 4px  
4px #B689FF }
```

Background

The CSS property to change the background color of an element to Hex B689FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B689FF }
```

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

```
.background{ background-color:#B689FF }
```

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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