

Converting Colors

Hex(689BCA)

Have a look what the booklet for
Hex(689BCA) contains.

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Color

Hex(689BCA)

Conversions

Conversions Part 1

Format	Color
Hex	689BCA
RGB	104, 155, 202
RGB Percent	41%, 61%, 79%
CMY	0.5922, 0.3922, 0.2078
CMYK	0.49, 0.23, 0.00, 0.21
HSL	209°, 48%, 60%
HSV	209°, 49%, 79%
XYZ	28.0909, 30.6500, 60.3126
YIQ	145.1090, -45.4830, 3.8050

Conversions

Conversions Part 2

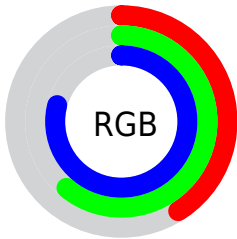
Format	Color
RYB	104, 138, 202
Decimal	6855626
CIELab	62.21, -4.06, -29.41
CIELCh	62, 29.686, 262.131
Yxy	30.6500, 0.2360, 0.2574
Android (android.graphics.Color)	4285045706 (0xFF689BCA)
YUV	145.1090, 28.0473, -36.0526
Hunter-Lab	55.3625, -6.3133, -25.8376

Details

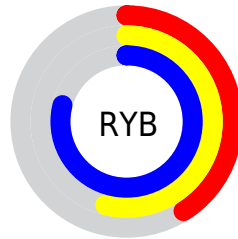
The Hex color **689BCA** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CA9768**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **A0D1FF**, and **2F6894** is the 20% darker color. If you saturate the color by 10%, you get **5491CA**, and if you desaturate by 10%, it is **7CA5CA**.

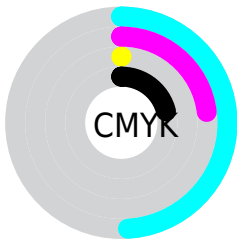
Distribution



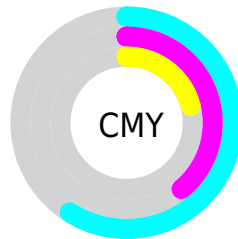
- Red (41%)
- Green (61%)
- Blue (79%)



- Red (41%)
- Yellow (54%)
- Blue (79%)



- Cyan (49%)
- Magenta (23%)
- Yellow (0%)
- Black (21%)



- Cyan (59%)
- Magenta (39%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 689BCA 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 689BCA by changing the saturation by 10% instead.

 689BCA

 689BCA

FFFFFF

 4C81AE

 A0D1FF

 2F6894

 BCEEFF

 04507A

 D9FFFF

 003961

 F7FFFF

 002449

 000E32

 00021C

 000000

 689BCA

 689BCA

■ 5491CA

■ 7CA5CA

■ 4088CA

■ 90AECA

■ 2B7ECA

■ A5B8CA

■ 1774CA

■ B9C2CA

■ 036BCA

■ CDCBCA

■ 0069CA

■ E1D5CA

■ F5DFCA

■ FFE9CA

■ FFF2CA

Harmonies

Analogous

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



45A1BF



689BCA



9092C7

Triad

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



689BCA



CB8384



76A175

Complementary

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



689BCA



CA9768

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.



949B65



689BCA



C28A6E

Square

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



689BCA



C5839E



AF9262



57A48E

Rectangle

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



689BCA



A78CBE



AF9262



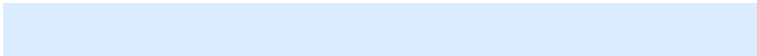
819F6F

Sweetspot

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



689BCA



D9EDFF



68CA96



697480



000000



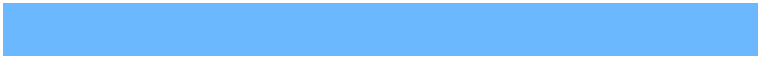
808080

Same Dimension

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



689BCA



6BB8FF



686BCA



5C6166



0056A6



001426

Inverse Universe

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



CA689B



FF6BB8



CAC768



665C61



A60056



260014

Previews

White Background



This preview shows how the Hex color 689BCA looks on a white background.

Color Contrast Check

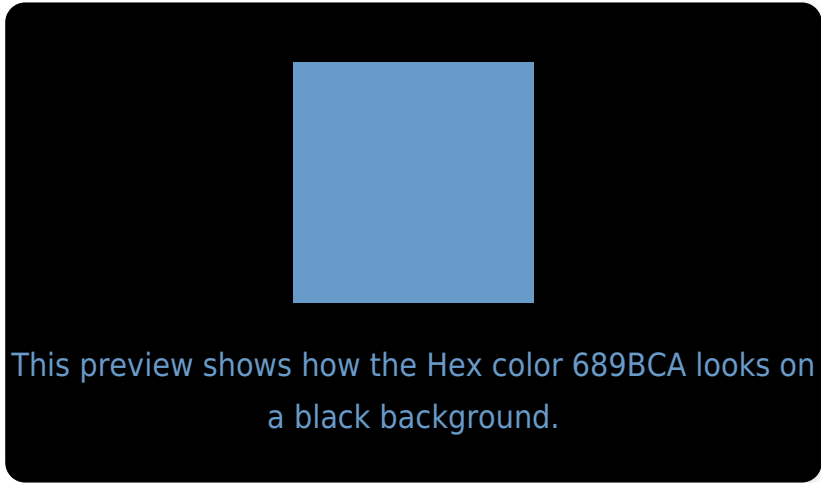
Large Text (above 18pt) WCAG AA × Fail

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

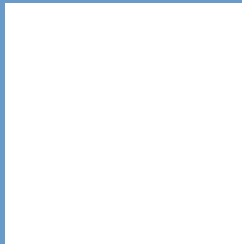
Any Text WCAG AAA ✓ Pass

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

Hex 689BCA Background



This preview shows how black text looks on a background with the Hex color 689BCA.

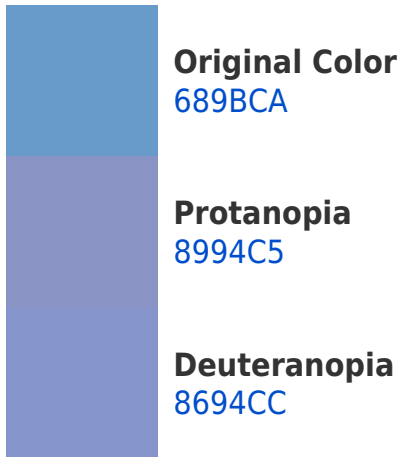


This preview shows how white text looks on a background with the Hex color 689BCA.

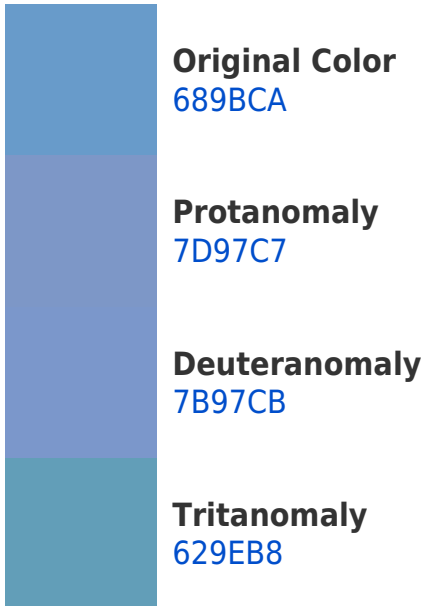
Color Blindness Simulation

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](#).

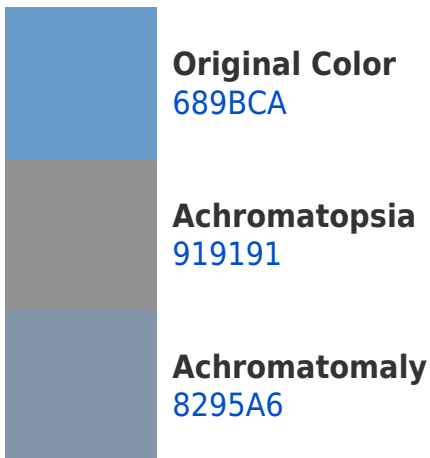
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 689BCA 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 #689BCA looks like.

```
.text, #text, p{  
    color:#689BCA  
}
```

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 #689BCA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #689BCA
}
```

Border

The CSS property to change the border of an element to Hex 689BCA 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
#689BCA }
```

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

```
.border{ border-color:#689BCA }
```

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

Here you see how a box with a 4 pixel #689BCA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #689BCA; -webkit-box-shadow:4px 4px  
4px 4px #689BCA; box-shadow:4px 4px 4px  
4px #689BCA }
```

Background

The CSS property to change the background color of an element to Hex 689BCA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#689BCA }
```

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

```
.background{ background-color:#689BCA }
```

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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