

Converting Colors

Hex(668CB9)

Have a look what the booklet for
Hex(668CB9) contains.

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Color

Hex(668CB9)

Conversions

Conversions Part 1

Format	Color
Hex	668CB9
RGB	102, 140, 185
RGB Percent	40%, 55%, 73%
CMY	0.6000, 0.4510, 0.2745
CMYK	0.45, 0.24, 0.00, 0.27
HSL	213°, 37%, 56%
HSV	213°, 45%, 73%
XYZ	23.6145, 25.0837, 49.4960
YIQ	133.7680, -37.0930, 5.9390

Conversions

Conversions Part 2

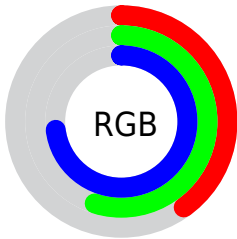
Format	Color
R_{YB}	102, 128, 185
Decimal	6720697
CIE _{Lab}	57.16, -1.00, -27.65
CIE _{LCh}	57, 27.666, 267.922
Yxy	25.0837, 0.2405, 0.2555
Android (android.graphics.Color)	4284910777 (0xFF668CB9)
YUV	133.7680, 25.2574, -27.8605
Hunter-Lab	50.0837, -3.4834, -23.5357

Details

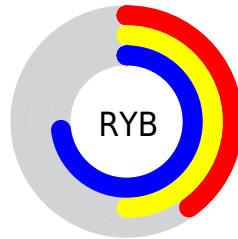
The Hex color **668CB9** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B99366**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **9CC1F1**, and **305A84** is the 20% darker color. If you saturate the color by 10%, you get **5482B9**, and if you desaturate by 10%, it is **7996B9**.

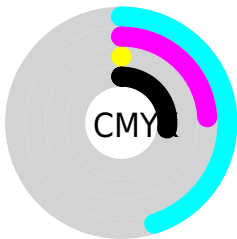
Distribution



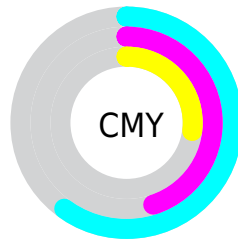
- Red (40%)
- Green (55%)
- Blue (73%)



- Red (40%)
- Yellow (50%)
- Blue (73%)



- Cyan (45%)
- Magenta (24%)
- Yellow (0%)
- Black (27%)



- Cyan (60%)
- Magenta (45%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 668CB9 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 668CB9 by changing the saturation by 10% instead.



668CB9



668CB9

FFFFFF



4B739E



9CC1F1



305A84



B8DDFF



0F436A



D5FAFF



002D52



F2FFFF



00193B



000225



00010D



000000



668CB9



668CB9

■ 5482B9

■ 7996B9

■ 4178B9

■ 8BA0B9

■ 2F6EB9

■ 9DAAB9

■ 1C64B9

■ B0B4B9

■ 095AB9

■ C3BEB9

■ 0055B9

■ D5C8B9

■ E8D2B9

■ FADCB9

■ FFE6B9

Harmonies

Analogous

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



4392B1



668CB9



8A84B4

Triad

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



668CB9



B97974



66946F

Complementary

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



668CB9



B99366

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.



828F5E



668CB9



AF7F61

Square

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



668CB9



B6778C



9B8759



4A9687

Rectangle

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



668CB9



9E7EAA



9B8759



709268

Sweetspot

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



668CB9



D1DFF0



66B992



656D78



F7F7F7



787878

Same Dimension

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



668CB9



6EAAF0



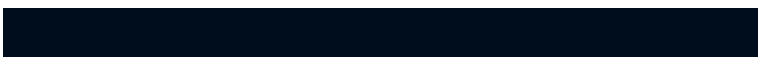
6966B9



53575C



00479C



000D1C

Inverse Universe

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



B9668C



F06EAA



B6B966



5C5357



9C0047



1C000D

Previews

White Background



This preview shows how the Hex color 668CB9 looks on a white background.

Color Contrast Check

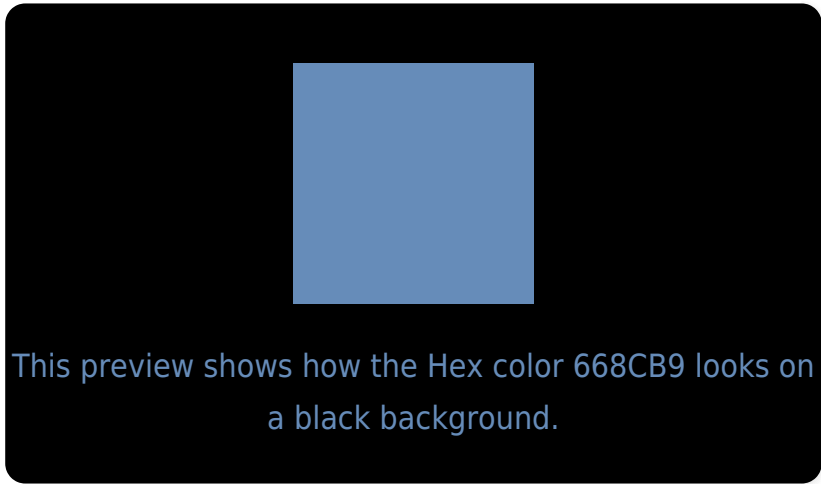
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

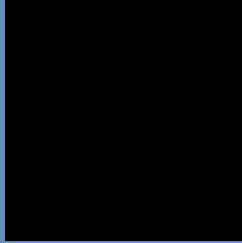
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

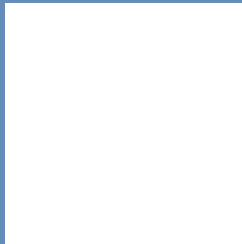
Any Text WCAG AAA × Fail

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

Hex 668CB9 Background



This preview shows how black text looks on a background with the Hex color 668CB9.

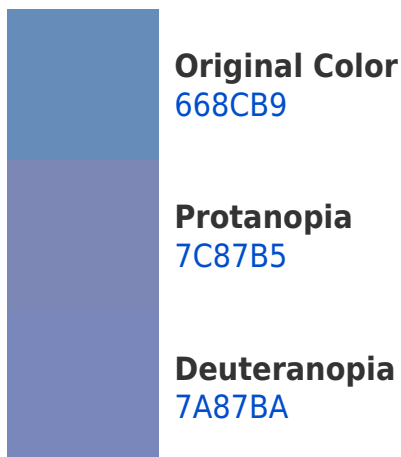



This preview shows how white text looks on a background with the Hex color 668CB9.

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](#).

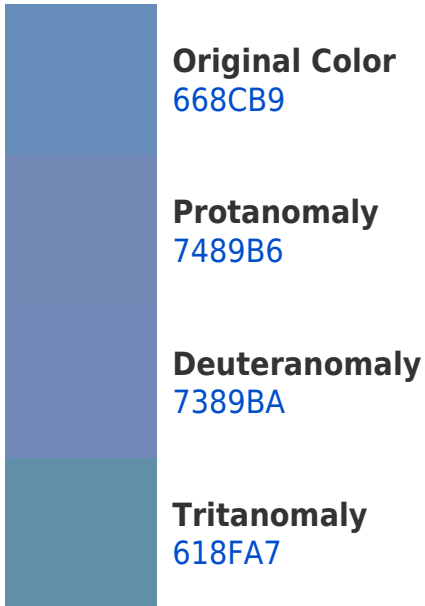
Dichromacy





Tritanopia
5E919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 668CB9 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 #668CB9 looks like.

```
.text, #text, p{  
    color:#668CB9  
}
```

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 #668CB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #668CB9
}
```

Border

The CSS property to change the border of an element to Hex 668CB9 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
#668CB9 }
```

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

```
.border{ border-color:#668CB9 }
```

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

Here you see how a box with a 4 pixel #668CB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #668CB9; -webkit-box-shadow:4px 4px  
4px 4px #668CB9; box-shadow:4px 4px 4px  
4px #668CB9 }
```

Background

The CSS property to change the background color of an element to Hex 668CB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#668CB9 }
```

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

```
.background{ background-color:#668CB9 }
```

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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