

Converting Colors

Hex(68649B)

Have a look what the booklet for
Hex(68649B) contains.

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Color

Hex(68649B)

Conversions

Conversions Part 1

Format	Color
Hex	68649B
RGB	104, 100, 155
RGB Percent	41%, 39%, 61%
CMY	0.5922, 0.6078, 0.3922
CMYK	0.33, 0.35, 0.00, 0.39
HSL	244°, 22%, 50%
HSV	244°, 35%, 61%
XYZ	16.1825, 14.4240, 32.9415
YIQ	107.4660, -15.2710, 17.9530

Conversions

Conversions Part 2

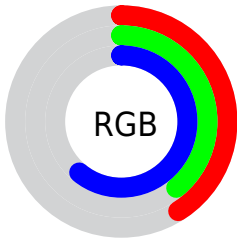
Format	Color
RYB	104, 100, 155
Decimal	6841499
CIELab	44.83, 14.90, -29.38
CIELCh	45, 32.940, 296.900
Yxy	14.4240, 0.2546, 0.2270
Android (android.graphics.Color)	4285031579 (0xFF68649B)
YUV	107.4660, 23.4343, -3.0397
Hunter-Lab	37.9789, 9.5943, -24.8408

Details

The Hex color **68649B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **979B64**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **9D97D2**, and **363567** is the 20% darker color. If you saturate the color by 10%, you get **5A559B**, and if you desaturate by 10%, it is **76749B**.

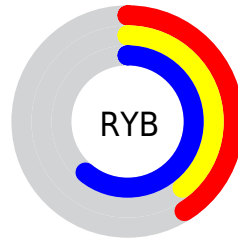
Distribution



Red (41%)

Green (39%)

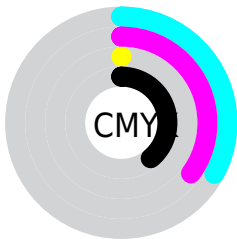
Blue (61%)



Red (41%)

Yellow (39%)

Blue (61%)

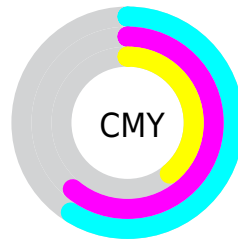


Cyan (33%)

Magenta (35%)

Yellow (0%)

Black (39%)



Cyan (59%)

Magenta (61%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68649B 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 68649B by changing the saturation by 10% instead.

■ 68649B

■ 68649B

FFFFFF

■ 4F4C81

■ 9D97D2

■ 363567

■ B8B1EE

■ 1D204F

■ D4CDFF

■ 040A38

■ F1E9FF

■ 000222

■ 000008

■ 000000

■ 68649B

■ 68649B

■ 5A559B

■ 76749B

4B459B

85839B

3D369B

93939B

2F269B

A1A29B

20179B

B0B29B

12079B

BEC19B

0B009B

CDD19B

DBE09B

E9F09B

Harmonies

Analogous

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



356EA1



68649B



8A5A88

Triad

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



68649B



925E3D



047866

Complementary

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



68649B



979B64

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.



40754B



68649B



7D6832

Square

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



68649B



9E5653



627038



007882

Rectangle

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



68649B



975577



627038



22775D

Sweetspot

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



68649B



B5B3C9



64979B



5A5966



E6E6E6



666666

Same Dimension

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



68649B



7973C9



83649B



45454D



0A008C



01000D

Inverse Universe

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



9B6497



C973C3



7C9B64



4D454C



8C0082



0D000C

Previews

White Background



This preview shows how the Hex color 68649B looks on a white background.

Color Contrast Check

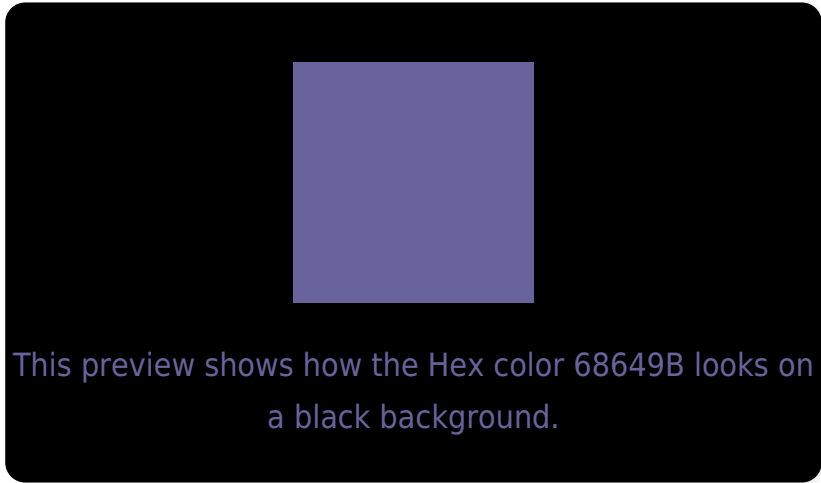
Large Text (above 18pt) WCAG AA ✓ Pass

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

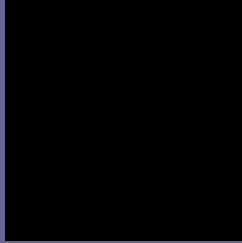
Any Text WCAG AA × Fail

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 68649B Background



This preview shows how black text looks on a background with the Hex color 68649B.

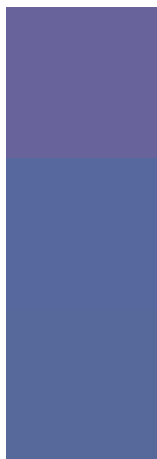


This preview shows how white text looks on a background with the Hex color 68649B.

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](#).

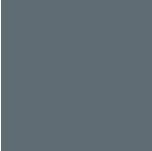
Dichromacy



Original Color
68649B

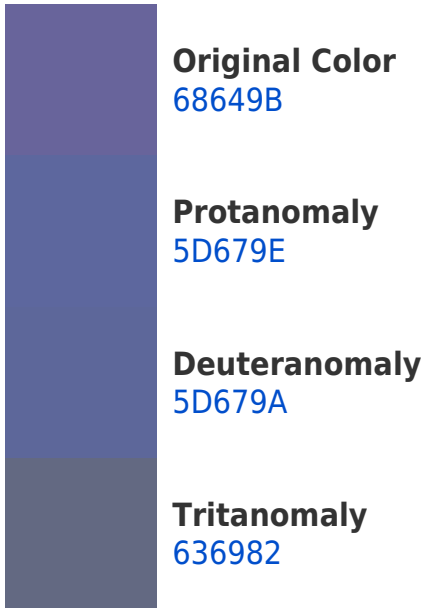
Protanopia
57689F

Deuteranopia
57699A



Tritanopia
606C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68649B 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 #68649B looks like.

```
.text, #text, p{  
    color:#68649B  
}
```

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 #68649B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68649B
}
```

Border

The CSS property to change the border of an element to Hex 68649B 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
#68649B }
```

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

```
.border{ border-color:#68649B }
```

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

Here you see how a box with a 4 pixel #68649B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68649B; -webkit-box-shadow:4px 4px  
4px 4px #68649B; box-shadow:4px 4px 4px  
4px #68649B }
```

Background

The CSS property to change the background color of an element to Hex 68649B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68649B }
```

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

```
.background{ background-color:#68649B }
```

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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