

Converting Colors

Hex(68469F)

Have a look what the booklet for
Hex(68469F) contains.

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Color

Hex(68469F)

Conversions

Conversions Part 1

Format	Color
Hex	68469F
RGB	104, 70, 159
RGB Percent	41%, 27%, 62%
CMY	0.5922, 0.7255, 0.3765
CMYK	0.35, 0.56, 0.00, 0.38
HSL	263°, 39%, 45%
HSV	263°, 56%, 62%
XYZ	14.1571, 9.8266, 33.9514
YIQ	90.3120, -8.3050, 34.8870

Conversions

Conversions Part 2

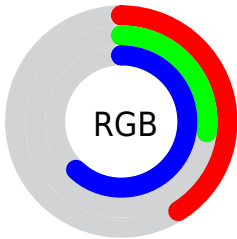
Format	Color
R_{YB}	104, 70, 159
Decimal	6833823
CIE _{Lab}	37.53, 34.31, -43.33
CIE _{LCh}	38, 55.270, 308.375
Yxy	9.8266, 0.2444, 0.1696
Android (android.graphics.Color)	4285023903 (0xFF68469F)
YUV	90.3120, 33.8632, 12.0044
Hunter-Lab	31.3474, 25.7562, -42.2722

Details

The Hex color **68469F** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7D9F46**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **9E78D6**, and **33186B** is the 20% darker color. If you saturate the color by 10%, you get **5E369F**, and if you desaturate by 10%, it is **72569F**.

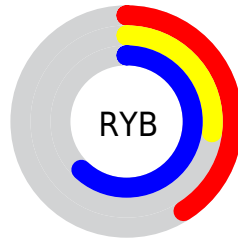
Distribution



Red (41%)

Green (27%)

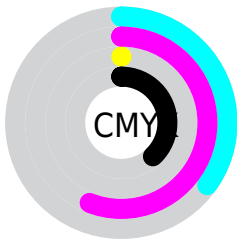
Blue (62%)



Red (41%)

Yellow (27%)

Blue (62%)

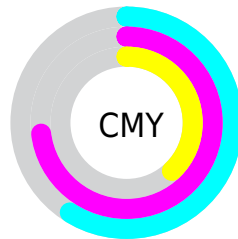


Cyan (35%)

Magenta (56%)

Yellow (0%)

Black (38%)



Cyan (59%)

Magenta (73%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68469F 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 68469F by changing the saturation by 10% instead.

68469F

68469F

FFFFFF

4E2F84

9E78D6

33186B

BA92F3

170252

D6ACFF

00003A

F4C8FF

000224

FFE4FF

00000B

000000

68469F

68469F

5E369F

72569F

54269F

7C669F

4B169F

85769F

41069F

8F869F

3D009F

99969F

A3A59F

ADB59F

B7C59F

C0D59F

Harmonies

Analogous

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



005AB2



68469F



962E7A

Triad

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



68469F



854A00



006C64

Complementary

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



68469F



7D9F46

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.



006A35



68469F



605A00

Square

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



68469F



9E3423



2E6500



006B8F

Rectangle

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



68469F



A4235D



2E6500



006C54

Sweetspot

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



68469F



B9ABCF



467E9F



5C5469



E8E8E8



696969

Same Dimension

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



68469F



7944CF



93469F



4A474F



37008F



06000F

Inverse Universe

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



9F467D



CF449A



529F46



4F474C



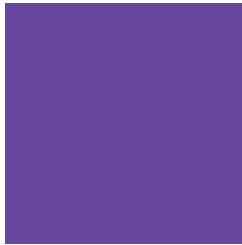
8F0058



0F0009

Previews

White Background



This preview shows how the Hex color 68469F looks on a white background.

Color Contrast Check

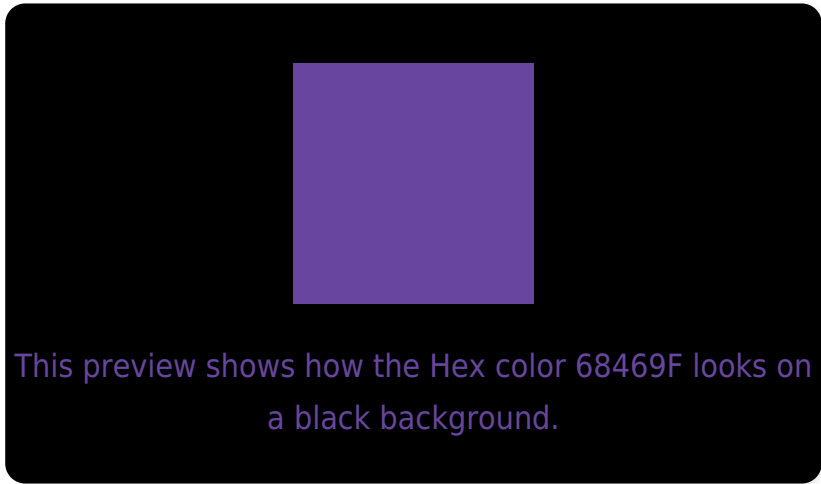
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

Hex 68469F Background



This preview shows how black text looks on a background with the Hex color 68469F.

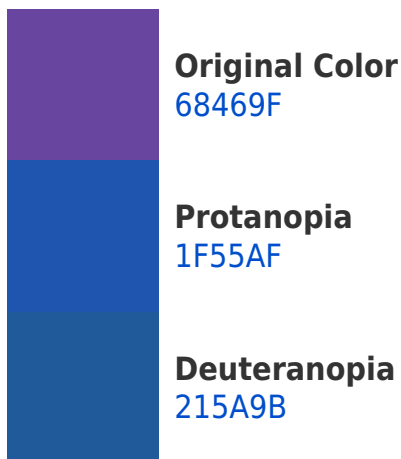


This preview shows how white text looks on a background with the Hex color 68469F.

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
5B575E

Trichromacy



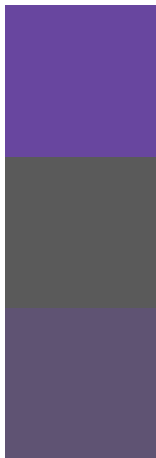
Original Color
68469F

Protanomaly
3A50A9

Deuteranomaly
3B539C

Tritanomaly
605176

Monochromacy



Original Color
68469F

Achromatopsia
5A5A5A

Achromatomaly
5F5373

CSS Examples

Text

The CSS property to change the color of the text to Hex 68469F 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 #68469F looks like.

```
.text, #text, p{  
    color:#68469F  
}
```

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 #68469F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68469F  
}
```

Border

The CSS property to change the border of an element to Hex 68469F is called "border". The border property can be set on classes, ids or directly on the HTML element.

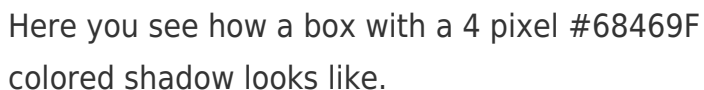
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#68469F }
```

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

```
.border{ border-color:#68469F }
```

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



Here you see how a box with a 4 pixel #68469F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68469F; -webkit-box-shadow:4px 4px  
4px 4px #68469F; box-shadow:4px 4px 4px  
4px #68469F }
```

Background

The CSS property to change the background color of an element to Hex 68469F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68469F }
```

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

```
.background{ background-color:#68469F }
```

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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