

Converting Colors

Hex(684B7F)

Have a look what the booklet for
Hex(684B7F) contains.

Hex(684B7F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(684B7F)

Conversions

Conversions Part 1

Format	Color
Hex	684B7F
RGB	104, 75, 127
RGB Percent	41%, 29%, 50%
CMY	0.5922, 0.7059, 0.5020
CMYK	0.18, 0.41, 0.00, 0.50
HSL	273°, 26%, 40%
HSV	273°, 41%, 50%
XYZ	12.0558, 9.5075, 21.2784
YIQ	89.5990, 0.5920, 22.3200

Conversions

Conversions Part 2

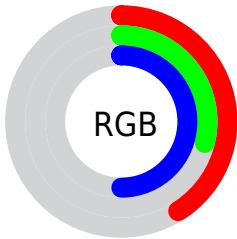
Format	Color
RYB	104, 75, 127
Decimal	6835071
CIELab	36.94, 23.02, -24.78
CIELCh	37, 33.819, 312.886
Yxy	9.5075, 0.2814, 0.2219
Android (android.graphics.Color)	4285025151 (0xFF684B7F)
YUV	89.5990, 18.4387, 12.6297
Hunter-Lab	30.8343, 15.8310, -19.3314

Details

The Hex color **684B7F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **627F4B**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **9C7CB4**, and **371E4E** is the 20% darker color. If you saturate the color by 10%, you get **623E7F**, and if you desaturate by 10%, it is **6E587F**.

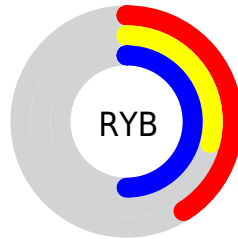
Distribution



Red (41%)

Green (29%)

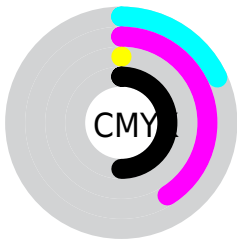
Blue (50%)



Red (41%)

Yellow (29%)

Blue (50%)

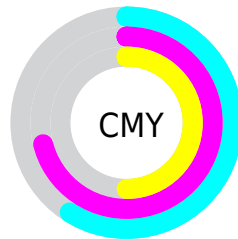


Cyan (18%)

Magenta (41%)

Yellow (0%)

Black (50%)



Cyan (59%)

Magenta (71%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 684B7F 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 684B7F by changing the saturation by 10% instead.

684B7F

684B7F

FFFFFF

4F3466

9C7CB4

371E4E

B796D0

200836

D3B1EC

020021

F0CDFF

000006

FFE9FF

000000

684B7F

684B7F

623E7F

6E587F

5D327F

73647F

■ 57257F

■ 79717F

■ 52187F

■ 7E7E7F

■ 4C0C7F

■ 848B7F

■ 47007F

■ 8A977F

■ 8FA47F

■ 95B17F

■ 9BBD7F

Harmonies

Analogous

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



3D568C



684B7F



814268

Triad

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



684B7F



735022



006562

Complementary

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



684B7F



627F4B

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.



086346



684B7F



5B591F

Square

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



684B7F



844633



3D602D



00637B

Rectangle

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



684B7F



883F55



3D602D



006459

Sweetspot

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



684B7F



9D92A6



4B627F



4F4854



D4D4D4



545454

Same Dimension

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



684B7F



8255A6



7F4B7C



3D3940



470080



000000

Inverse Universe

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



7F4B62



A65578



4B7F4E



40393C



800038



000000

Previews

White Background



This preview shows how the Hex color 684B7F looks on a white background.

Color Contrast Check

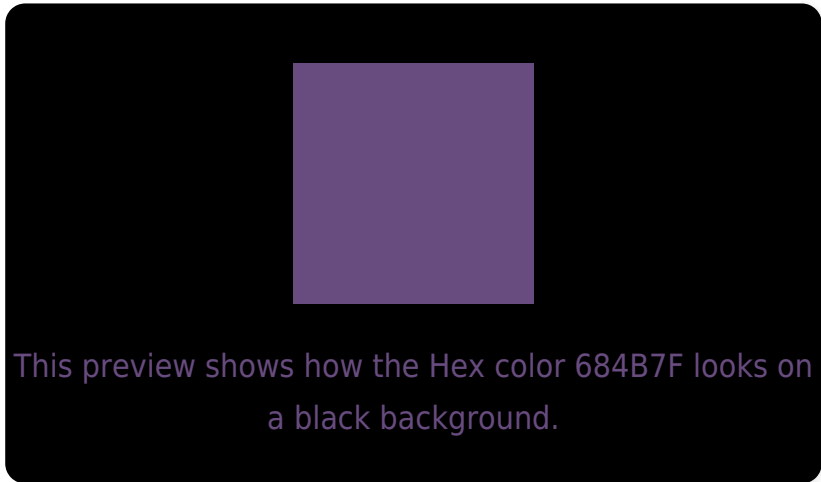
Large Text (above 18pt) WCAG AA ✓ Pass

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

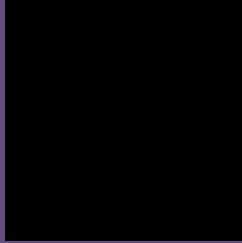
Any Text WCAG AA × Fail

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 684B7F Background



This preview shows how black text looks on a background with the Hex color 684B7F.

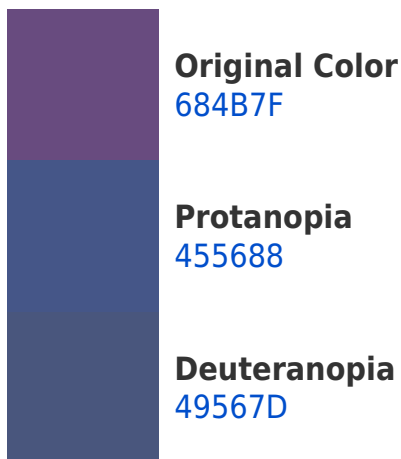



This preview shows how white text looks on a background with the Hex color 684B7F.

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
62535A

Trichromacy



Original Color
684B7F

Protanomaly
525285

Deuteranomaly
54527E

Tritanomaly
645067

Monochromacy



Original Color
684B7F

Achromatopsia
5A5A5A

Achromatomaly
5F5567

CSS Examples

Text

The CSS property to change the color of the text to Hex 684B7F 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 #684B7F looks like.

```
.text, #text, p{  
    color:#684B7F  
}
```

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 #684B7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684B7F
}
```

Border

The CSS property to change the border of an element to Hex 684B7F is called "border". The border property can be set on classes, ids or directly on the HTML element.

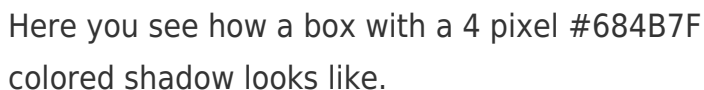
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#684B7F }
```

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

```
.border{ border-color:#684B7F }
```

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



Here you see how a box with a 4 pixel #684B7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684B7F; -webkit-box-shadow:4px 4px  
4px 4px #684B7F; box-shadow:4px 4px 4px  
4px #684B7F }
```

Background

The CSS property to change the background color of an element to Hex 684B7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684B7F }
```

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

```
.background{ background-color:#684B7F }
```

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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