

Converting Colors

Hex(684B96)

Have a look what the booklet for
Hex(684B96) contains.

Hex(684B96)	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(684B96)

Conversions

Conversions Part 1

Format	Color
Hex	684B96
RGB	104, 75, 150
RGB Percent	41%, 29%, 59%
CMY	0.5922, 0.7059, 0.4118
CMYK	0.31, 0.50, 0.00, 0.41
HSL	263°, 33%, 44%
HSV	263°, 50%, 59%
XYZ	13.7300, 10.1772, 30.0949
YIQ	92.2210, -6.7910, 29.4730

Conversions

Conversions Part 2

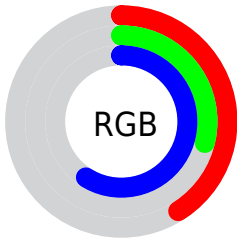
Format	Color
RYB	104, 75, 150
Decimal	6835094
CIELab	38.16, 28.91, -36.90
CIELCh	38, 46.876, 308.074
Yxy	10.1772, 0.2542, 0.1885
Android (android.graphics.Color)	4285025174 (0xFF684B96)
YUV	92.2210, 28.4850, 10.3302
Hunter-Lab	31.9018, 20.9956, -33.6007

Details

The Hex color **684B96** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **79964B**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **9D7DCD**, and **351D63** is the 20% darker color. If you saturate the color by 10%, you get **5F3C96**, and if you desaturate by 10%, it is **715A96**.

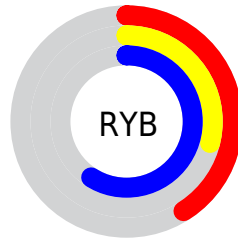
Distribution



Red (41%)

Green (29%)

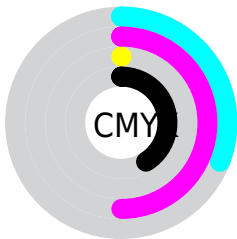
Blue (59%)



Red (41%)

Yellow (29%)

Blue (59%)

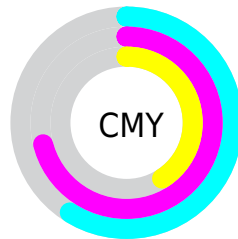


Cyan (31%)

Magenta (50%)

Yellow (0%)

Black (41%)



Cyan (59%)

Magenta (71%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 684B96 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 684B96 by changing the saturation by 10% instead.

■ 684B96

■ 684B96

FFFFFF

■ 4E347C

■ 9D7DCD

■ 351D63

■ B997E9

■ 1B084A

■ D5B2FF

■ 030033

■ F2CDFE

■ 00021D

■ FFE9FF

■ 000000

■ 684B96

■ 684B96

■ 5F3C96

■ 715A96

■ 562D96

■ 7A6996

4C1E96

847896

430F96

8D8796

3A0096

969696

9FA596

A8B496

B2C396

BBD296

Harmonies

Analogous

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



005BA5



684B96



8F3A77

Triad

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



684B96



824D0C



006B63

Complementary

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



684B96



79964B

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.



006A3C



684B96



635B00

Square

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



684B96



983D2D



3A6517



006A88

Rectangle

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



684B96



9B335E



3A6517



006B56

Sweetspot

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



684B96



B0A5C2



4B7996



564F61



E0E0E0



616161

Same Dimension

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



684B96



7A4EC2



8D4B96



45434A



35008A



04000A

Inverse Universe

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



964B79



C24E95



54964B



4A4347



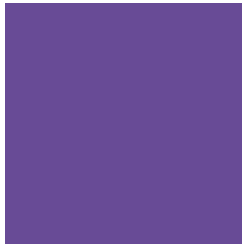
8A0054



0A0006

Previews

White Background



This preview shows how the Hex color 684B96 looks on a white background.

Color Contrast Check

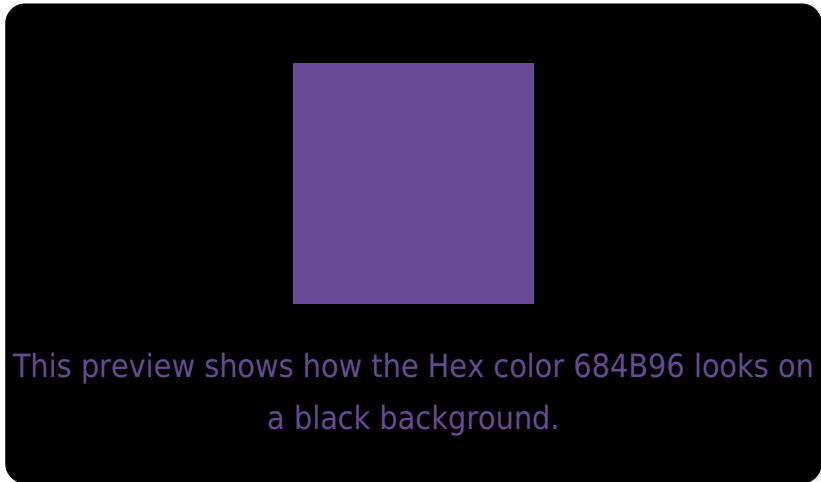
Large Text (above 18pt) WCAG AA ✓ Pass

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 684B96 Background



This preview shows how black text looks on a background with the Hex color 684B96.

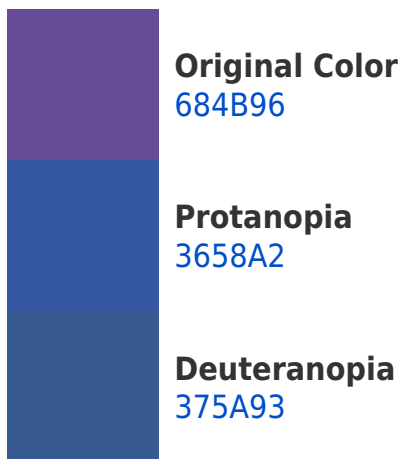



This preview shows how white text looks on a background with the Hex color 684B96.

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
5D585F

Trichromacy



Original Color
684B96

Protanomaly
48539E

Deuteranomaly
495594

Tritanomaly
615373

Monochromacy



Original Color
684B96

Achromatopsia
5C5C5C

Achromatomaly
605671

CSS Examples

Text

The CSS property to change the color of the text to Hex 684B96 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 #684B96 looks like.

```
.text, #text, p{  
    color:#684B96  
}
```

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 #684B96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684B96
}
```

Border

The CSS property to change the border of an element to Hex 684B96 is called "border". The border property can be set on classes, ids or directly on the HTML element.

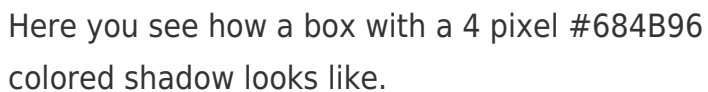
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#684B96 }
```

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

```
.border{ border-color:#684B96 }
```

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



Here you see how a box with a 4 pixel #684B96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684B96; -webkit-box-shadow:4px 4px  
4px 4px #684B96; box-shadow:4px 4px 4px  
4px #684B96 }
```

Background

The CSS property to change the background color of an element to Hex 684B96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684B96 }
```

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

```
.background{ background-color:#684B96 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor