

Converting Colors

Hex(684AB7)

Have a look what the booklet for
Hex(684AB7) contains.

Hex(684AB7)	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(684AB7)

Conversions

Conversions Part 1

Format	Color
Hex	684AB7
RGB	104, 74, 183
RGB Percent	41%, 29%, 72%
CMY	0.5922, 0.7098, 0.2824
CMYK	0.43, 0.60, 0.00, 0.28
HSL	257°, 43%, 50%
HSV	257°, 60%, 72%
XYZ	16.7049, 11.2595, 46.0926
YIQ	95.3960, -17.1090, 40.2590

Conversions

Conversions Part 2

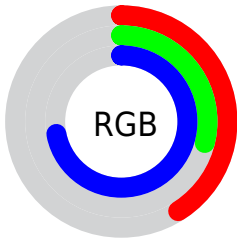
Format	Color
R_{YB}	104, 74, 183
Decimal	6834871
CIE _{Lab}	40.01, 38.63, -53.60
CIE _{LCh}	40, 66.068, 305.785
Yxy	11.2595, 0.2256, 0.1520
Android (android.graphics.Color)	4285024951 (0xFF684AB7)
YUV	95.3960, 43.1888, 7.5457
Hunter-Lab	33.5552, 30.1419, -57.9542

Details

The Hex color **684AB7** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **99B74A**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **A07CF0**, and **2F1B81** is the 20% darker color. If you saturate the color by 10%, you get **5B38B7**, and if you desaturate by 10%, it is **755CB7**.

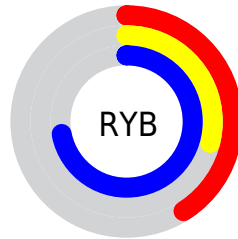
Distribution



Red (41%)

Green (29%)

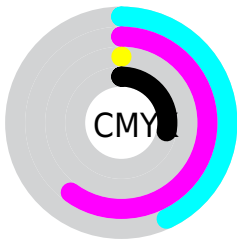
Blue (72%)



Red (41%)

Yellow (29%)

Blue (72%)

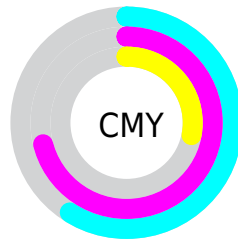


Cyan (43%)

Magenta (60%)

Yellow (0%)

Black (28%)



Cyan (59%)

Magenta (71%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 684AB7 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 684AB7 by changing the saturation by 10% instead.

684AB7

684AB7

FFFFFF

4C329C

A07CF0

2F1B81

BC96FF

080467

D9B1FF

00004F

F7CDFF

000537

FFE9FF

000220

000005

000000

684AB7

684AB7

■ 5B38B7

■ 755CB7

■ 4D25B7

■ 836FB7

■ 4013B7

■ 9081B7

■ 3301B7

■ 9D93B7

■ 3200B7

■ AAA6B7

■ B8B8B7

■ C5CAB7

■ D2DCB7

■ DFEFB7

Harmonies

Analogous

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



0062CB



684AB7



A5268C

Triad

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



684AB7



954A00



007568

Complementary

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



684AB7



99B74A

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.



00722E



684AB7



6A6000

Square

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



684AB7



B22A22



2E6C00



00759D

Rectangle

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



684AB7



B70B68



2E6C00



007455

Sweetspot

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



684AB7



CEC2ED



4A9AB7



655D78



F7F7F7



787878

Same Dimension

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



684AB7



7345ED



9E4AB7



55535C



2B009C



08001C

Inverse Universe

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



B74A99



ED45BF



63B74A



5C5359



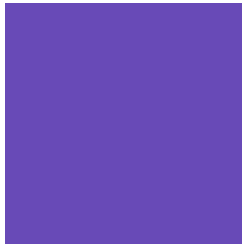
9C0071



1C0014

Previews

White Background



This preview shows how the Hex color 684AB7 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

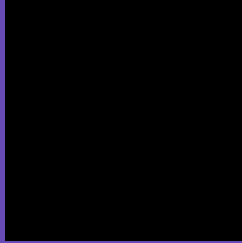
Any Text WCAG AA × Fail

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 684AB7 Background



This preview shows how black text looks on a background with the Hex color 684AB7.

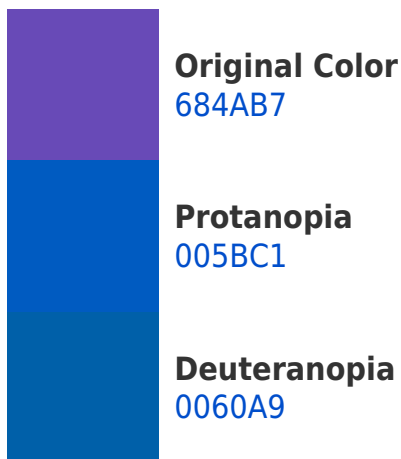


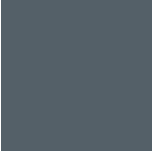
This preview shows how white text looks on a background with the Hex color 684AB7.

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](#).

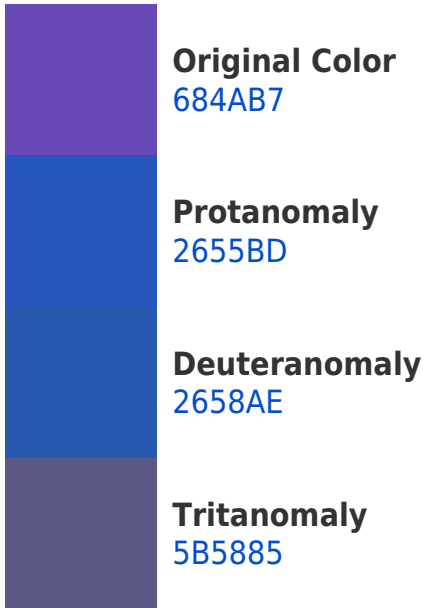
Dichromacy



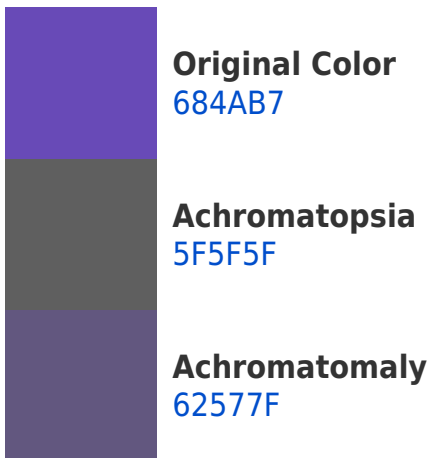


Tritanopia
546068

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 684AB7 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 #684AB7 looks like.

```
.text, #text, p{  
    color:#684AB7  
}
```

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 #684AB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684AB7
}
```

Border

The CSS property to change the border of an element to Hex 684AB7 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
#684AB7 }
```

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

```
.border{ border-color:#684AB7 }
```

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

Here you see how a box with a 4 pixel #684AB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684AB7; -webkit-box-shadow:4px 4px  
4px 4px #684AB7; box-shadow:4px 4px 4px  
4px #684AB7 }
```

Background

The CSS property to change the background color of an element to Hex 684AB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684AB7 }
```

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

```
.background{ background-color:#684AB7 }
```

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