

Converting Colors

Hex(684C7C)

Have a look what the booklet for
Hex(684C7C) contains.

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Color

Hex(684C7C)

Conversions

Conversions Part 1

Format	Color
Hex	684C7C
RGB	104, 76, 124
RGB Percent	41%, 30%, 49%
CMY	0.5922, 0.7020, 0.5137
CMYK	0.16, 0.39, 0.00, 0.51
HSL	275°, 24%, 39%
HSV	275°, 39%, 49%
XYZ	11.9315, 9.5672, 20.2866
YIQ	89.8440, 1.2800, 20.8640

Conversions

Conversions Part 2

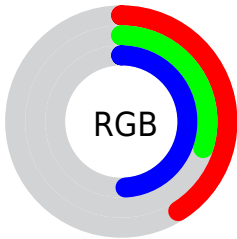
Format	Color
R_{YB}	104, 76, 124
Decimal	6835324
CIE _{Lab}	37.05, 21.67, -22.76
CIE _{LCh}	37, 31.426, 313.602
Yxy	9.5672, 0.2855, 0.2290
Android (android.graphics.Color)	4285025404 (0xFF684C7C)
YUV	89.8440, 16.8389, 12.4148
Hunter-Lab	30.9309, 14.7267, -17.2349

Details

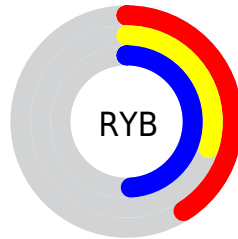
The Hex color **684C7C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **607C4C**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **9C7DB1**, and **381F4B** is the 20% darker color. If you saturate the color by 10%, you get **63407C**, and if you desaturate by 10%, it is **6D587C**.

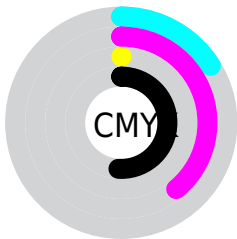
Distribution



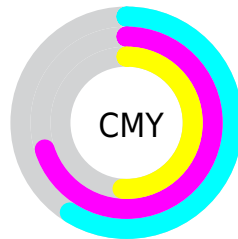
- Red (41%)
- Green (30%)
- Blue (49%)



- Red (41%)
- Yellow (30%)
- Blue (49%)



- Cyan (16%)
- Magenta (39%)
- Yellow (0%)
- Black (51%)



- Cyan (59%)
- Magenta (70%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 684C7C 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 684C7C by changing the saturation by 10% instead.

■ 684C7C

■ 684C7C

FFFFFF

■ 4F3563

■ 9C7DB1

■ 381F4B

■ B797CC

■ 210A34

■ D3B2E9

■ 03001F

■ EFCEFF

■ 000001

■ FFEAFF

■ 000000

■ 684C7C

■ 684C7C

■ 63407C

■ 6D587C

■ 5E337C

■ 72657C

■ 58277C

■ 77717C

■ 531A7C

■ 7D7E7C

■ 4E0E7C

■ 828A7C

■ 49027C

■ 87967C

■ 48007C

■ 8CA37C

■ 91AF7C

■ 97BC7C

Harmonies

Analogous

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



425688



684C7C



7F4466

Triad

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



684C7C



725126



006462

Complementary

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



684C7C



607C4C

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.



156348



684C7C



5B5924

Square

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



684C7C



824835



3F6031



006279

Rectangle

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



684C7C



864255



3F6031



00645A

Sweetspot

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



684C7C



998DA1



4C607C



4D4652



D1D1D1



525252

Same Dimension

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



684C7C



8257A1



7C4C78



3B373D



49007D



9300FC

Inverse Universe

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



7C4C60



A15776



4C7C50



3D373A



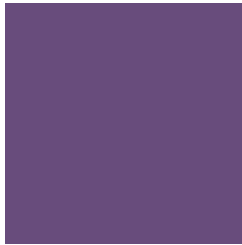
7D0034



FC0069

Previews

White Background



This preview shows how the Hex color 684C7C looks on a white background.

Color Contrast Check

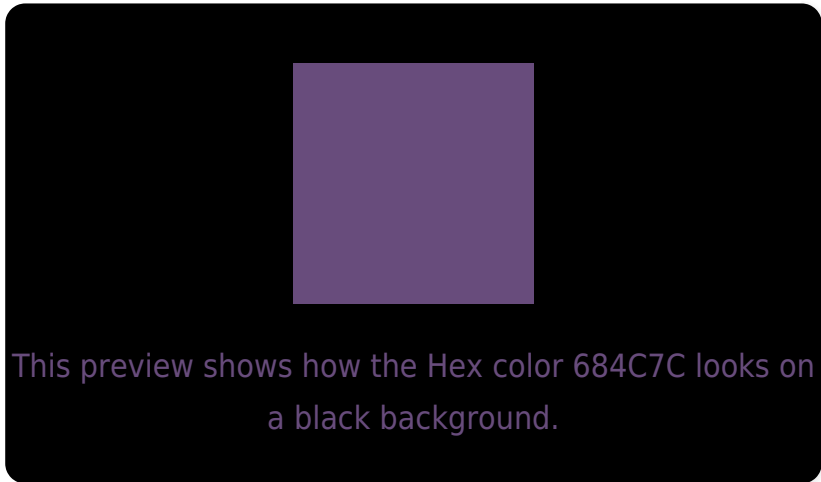
Large Text (above 18pt) WCAG AA ✓ Pass

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

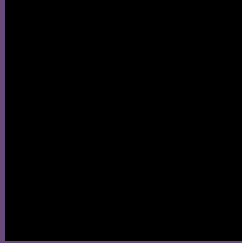
Any Text WCAG AA × Fail

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 684C7C Background



This preview shows how black text looks on a background with the Hex color 684C7C.




This preview shows how white text looks on a background with the Hex color 684C7C.

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
684C7C

Protanomaly
535281

Deuteranomaly
56527B

Tritanomaly
645066

Monochromacy



Original Color
684C7C

Achromatopsia
5A5A5A

Achromatomaly
5F5566

CSS Examples

Text

The CSS property to change the color of the text to Hex 684C7C 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 #684C7C looks like.

```
.text, #text, p{  
    color:#684C7C  
}
```

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 #684C7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684C7C  
}
```

Border

The CSS property to change the border of an element to Hex 684C7C is called "border". The border property can be set on classes, ids or directly on the HTML element.

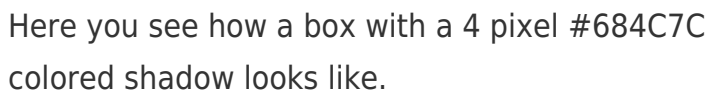
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#684C7C }
```

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

```
.border{ border-color:#684C7C }
```

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



Here you see how a box with a 4 pixel #684C7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684C7C; -webkit-box-shadow:4px 4px  
4px 4px #684C7C; box-shadow:4px 4px 4px  
4px #684C7C }
```

Background

The CSS property to change the background color of an element to Hex 684C7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684C7C }
```

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

```
.background{ background-color:#684C7C }
```

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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