

Converting Colors

Hex(684C86)

Have a look what the booklet for
Hex(684C86) contains.

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Color

Hex(684C86)

Conversions

Conversions Part 1

Format	Color
Hex	684C86
RGB	104, 76, 134
RGB Percent	41%, 30%, 53%
CMY	0.5922, 0.7020, 0.4745
CMYK	0.22, 0.43, 0.00, 0.47
HSL	269°, 28%, 41%
HSV	269°, 43%, 53%
XYZ	12.5964, 9.8332, 23.7883
YIQ	90.9840, -1.9300, 23.9740

Conversions

Conversions Part 2

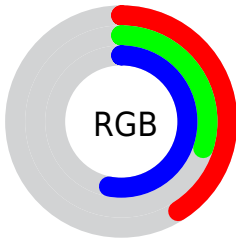
Format	Color
R_{YB}	104, 76, 134
Decimal	6835334
CIE _{Lab}	37.54, 24.14, -28.14
CIE _{LCh}	38, 37.079, 310.620
Yxy	9.8332, 0.2725, 0.2128
Android (android.graphics.Color)	4285025414 (0xFF684C86)
YUV	90.9840, 21.2069, 11.4150
Hunter-Lab	31.3579, 16.8270, -23.0274

Details

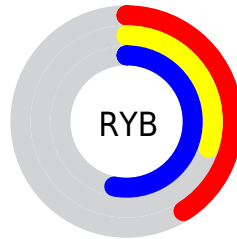
The Hex color **684C86** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **6A864C**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **9C7DBC**, and **371F54** is the 20% darker color. If you saturate the color by 10%, you get **613F86**, and if you desaturate by 10%, it is **6F5986**.

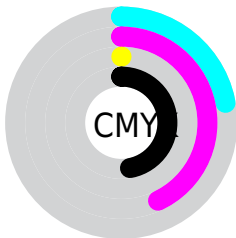
Distribution



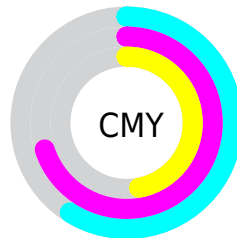
- Red (41%)
- Green (30%)
- Blue (53%)



- Red (41%)
- Yellow (30%)
- Blue (53%)



- Cyan (22%)
- Magenta (43%)
- Yellow (0%)
- Black (47%)



- Cyan (59%)
- Magenta (70%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 684C86 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 684C86 by changing the saturation by 10% instead.

684C86

684C86

FFFFFF

4F356C

9C7DBC

371F54

B897D7

1F0A3C

D4B2F4

050026

F0CEFF

00010F

FFEAFF

000000

684C86

684C86

613F86

6F5986

5A3186

766786

■ 532486

■ 7D7486

■ 4C1686

■ 848286

■ 450986

■ 8B8F86

■ 410086

■ 929C86

■ 99AA86

■ 9FB786

■ A6C586

Harmonies

Analogous

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



345893



684C86



85416D

Triad

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



684C86



79501E



006762

Complementary

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



684C86



6A864C

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.



006643



684C86



5F5A19

Square

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



684C86



8A4433



3E6228



00667F

Rectangle

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



684C86



8E3D59



3E6228



006758

Sweetspot

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



684C86



A297AD



4C6B86



504957



D6D6D6



575757

Same Dimension

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



684C86



7F53AD



844C86



3F3C42



3F0082



010003

Inverse Universe

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



864C6A



AD5382



4E864C



423C3F



820043



030001

Previews

White Background



This preview shows how the Hex color 684C86 looks on a white background.

Color Contrast Check

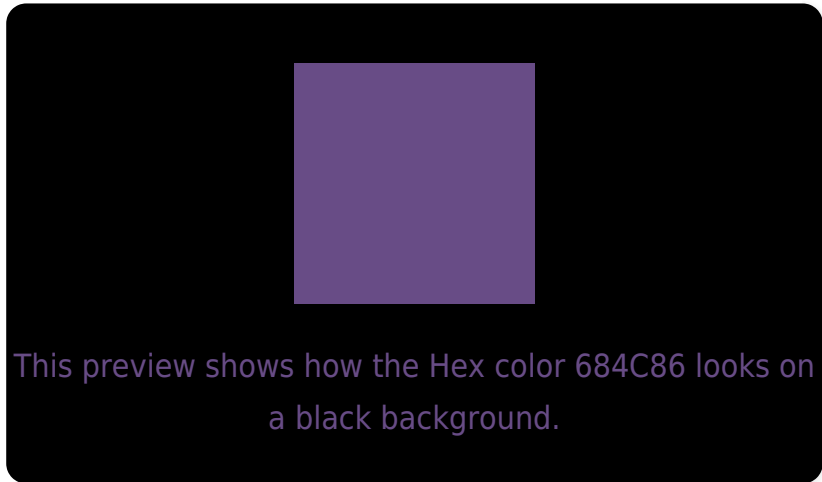
Large Text (above 18pt) WCAG AA ✓ Pass

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

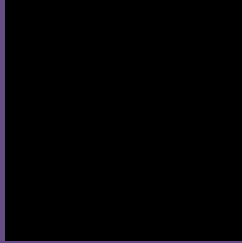
Any Text WCAG AA × Fail

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 684C86 Background



This preview shows how black text looks on a background with the Hex color 684C86.

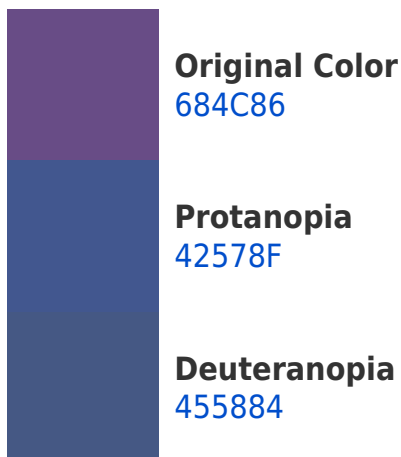



This preview shows how white text looks on a background with the Hex color 684C86.

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
61555C

Trichromacy



Original Color
684C86

Protanomaly
50538C

Deuteranomaly
525485

Tritanomaly
64526B

Monochromacy



Original Color
684C86

Achromatopsia
5B5B5B

Achromatomaly
60566B

CSS Examples

Text

The CSS property to change the color of the text to Hex 684C86 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 #684C86 looks like.

```
.text, #text, p{  
    color:#684C86  
}
```

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 #684C86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684C86
}
```

Border

The CSS property to change the border of an element to Hex 684C86 is called "border". The border property can be set on classes, ids or directly on the HTML element.

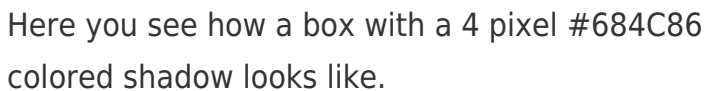
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#684C86 }
```

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

```
.border{ border-color:#684C86 }
```

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



Here you see how a box with a 4 pixel #684C86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684C86; -webkit-box-shadow:4px 4px  
4px 4px #684C86; box-shadow:4px 4px 4px  
4px #684C86 }
```

Background

The CSS property to change the background color of an element to Hex 684C86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684C86 }
```

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

```
.background{ background-color:#684C86 }
```

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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