

Converting Colors

Hex(681684)

Have a look what the booklet for
Hex(681684) contains.

Hex(681684)	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(681684)

Conversions

Conversions Part 1

Format	Color
Hex	681684
RGB	104, 22, 132
RGB Percent	41%, 9%, 52%
CMY	0.5922, 0.9137, 0.4824
CMYK	0.21, 0.83, 0.00, 0.48
HSL	285°, 71%, 30%
HSV	285°, 83%, 52%
XYZ	10.1607, 5.1828, 22.2947
YIQ	59.0580, 13.5620, 51.5940

Conversions

Conversions Part 2

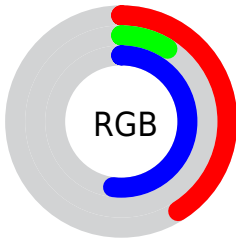
Format	Color
R_{YB}	104, 22, 132
Decimal	6821508
CIE _{Lab}	27.25, 50.88, -43.31
CIE _{LCh}	27, 66.819, 319.593
Yxy	5.1828, 0.2700, 0.1377
Android (android.graphics.Color)	4285011588 (0xFF681684)
YUV	59.0580, 35.9604, 39.4141
Hunter-Lab	22.7658, 39.8268, -42.1269

Details

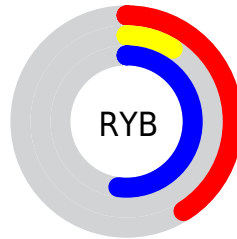
The Hex color **681684** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **328416**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **9F4DBA**, and **330051** is the 20% darker color. If you saturate the color by 10%, you get **650984**, and if you desaturate by 10%, it is **6B2384**.

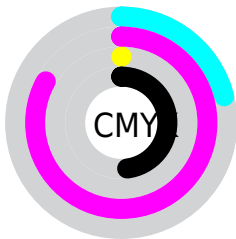
Distribution



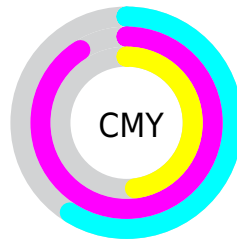
- Red (41%)
- Green (9%)
- Blue (52%)



- Red (41%)
- Yellow (9%)
- Blue (52%)



- Cyan (21%)
- Magenta (83%)
- Yellow (0%)
- Black (48%)



- Cyan (59%)
- Magenta (91%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 681684 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 681684 by changing the saturation by 10% instead.

681684

681684

FFFFFF

4D006A

9F4DBA

330051

BB67D6

1C003A

D882F3

000223

F59DFF

00000A

FFB9FF

000000

FFD5FF

FFF2FF

681684

681684

■ 650984

■ 6B2384

■ 620084

■ 6F3084

■ 723E84

■ 754B84

■ 795884

■ 7C6584

■ 807284

■ 838084

■ 868D84

Harmonies

Analogous

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



003CA3



681684



8E0055

Triad

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



681684



5E3800



005462

Complementary

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



681684



328416

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.



00532C



681684



304800

Square

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



681684



811600



004F00



00538F

Rectangle

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



681684



950033



004F00



005450

Sweetspot

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



681684



A080AB



163384



503D57



D6D6D6



575757

Same Dimension

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



681684



7F00AB



84166A



413C42



610082



020003

Inverse Universe

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



841632



AB002B



168430



423C3D



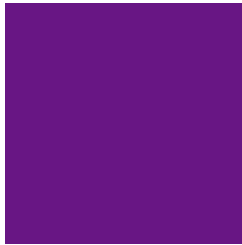
820021



030001

Previews

White Background



This preview shows how the Hex color 681684 looks on a white background.

Color Contrast Check

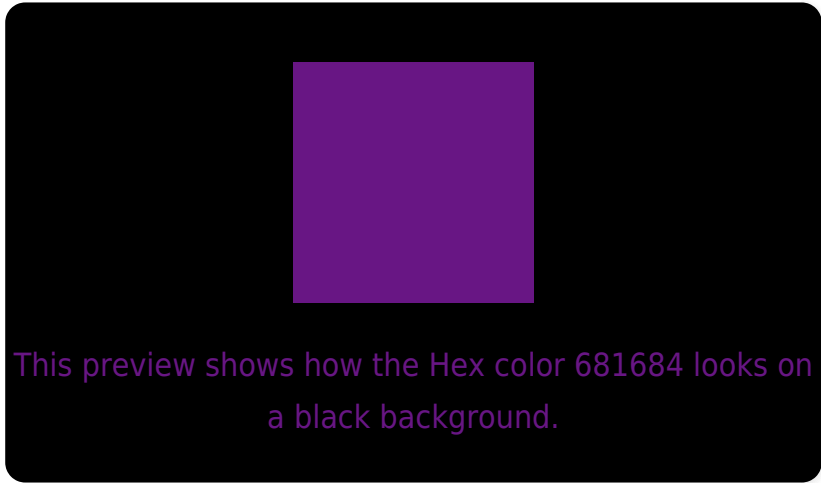
Large Text (above 18pt) WCAG AA ✓ Pass

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

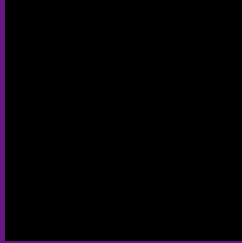
Any Text WCAG AA × Fail

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 681684 Background



This preview shows how black text looks on a background with the Hex color 681684.

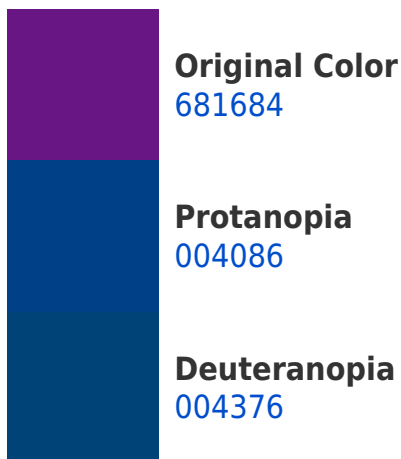



This preview shows how white text looks on a background with the Hex color 681684.

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
5D373B

Trichromacy



Original Color
681684

Protanomaly
263185

Deuteranomaly
26337B

Tritanomaly
612B56

Monochromacy



Original Color
681684

Achromatopsia
3B3B3B

Achromatomaly
4B2E56

CSS Examples

Text

The CSS property to change the color of the text to Hex 681684 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 #681684 looks like.

```
.text, #text, p{  
    color:#681684  
}
```

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 #681684 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #681684
}
```

Border

The CSS property to change the border of an element to Hex 681684 is called "border". The border property can be set on classes, ids or directly on the HTML element.

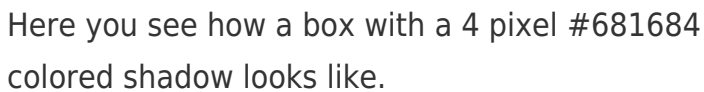
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#681684 }
```

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

```
.border{ border-color:#681684 }
```

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



Here you see how a box with a 4 pixel #681684 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #681684; -webkit-box-shadow:4px 4px  
4px 4px #681684; box-shadow:4px 4px 4px  
4px #681684 }
```

Background

The CSS property to change the background color of an element to Hex 681684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#681684 }
```

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

```
.background{ background-color:#681684 }
```

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