

Converting Colors

Hex(681E81)

Have a look what the booklet for
Hex(681E81) contains.

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Color

Hex(681E81)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 681E81 |
| RGB | 104, 30, 129 |
| RGB Percent | 41%, 12%, 51% |
| CMY | 0.5922, 0.8824, 0.4941 |
| CMYK | 0.19, 0.77, 0.00, 0.49 |
| HSL | 285°, 62%, 31% |
| HSV | 285°, 77%, 51% |
| XYZ | 10.1356, 5.4566, 21.2879 |
| YIQ | 63.4120, 12.3250, 46.4770 |

Conversions

Conversions Part 2

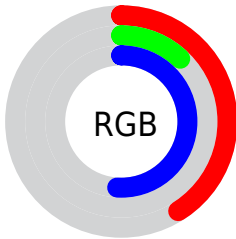
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 104, 30, 129 |
| Decimal | 6823553 |
| CIE _{Lab} | 28.00, 47.46, -40.22 |
| CIE _{LCh} | 28, 62.210, 319.719 |
| Yxy | 5.4566, 0.2748, 0.1480 |
| Android (android.graphics.Color) | 4285013633 (0xFF681E81) |
| YUV | 63.4120, 32.3349, 35.5957 |
| Hunter-Lab | 23.3593, 36.5725, -37.6808 |

Details

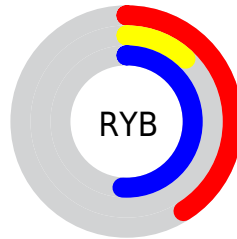
The Hex color **681E81** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **37811E**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **9E52B7**, and **34004F** is the 20% darker color. If you saturate the color by 10%, you get **651181**, and if you desaturate by 10%, it is **6B2B81**.

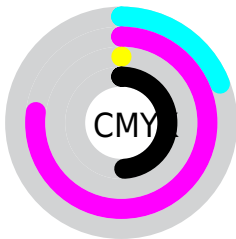
Distribution



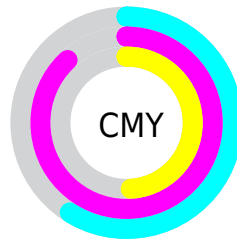
- Red (41%)
- Green (12%)
- Blue (51%)



- Red (41%)
- Yellow (12%)
- Blue (51%)



- Cyan (19%)
- Magenta (77%)
- Yellow (0%)
- Black (49%)



- Cyan (59%)
- Magenta (88%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 681E81 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 681E81 by changing the saturation by 10% instead.

681E81

681E81

FFFFFF

4E0067

9E52B7

34004F

BA6CD2

1E0038

D787EF

000221

F4A2FF

000006

FFBEFF

000000

FFDAFF

FFF7FF

681E81

681E81

■ 651181

■ 6B2B81

■ 610481

■ 6F3881

■ 600081

■ 724581

■ 755281

■ 785F81

■ 7C6B81

■ 7F7881

■ 828581

■ 859281

Harmonies

Analogous

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



003D9E



681E81



8C0055

Triad

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



681E81



5F3A00



005561

Complementary

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



681E81



37811E

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.



00542F



681E81



344900

Square

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



681E81



801E00



005100



00548B

Rectangle

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



681E81



920035



005100



005551

Sweetspot

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



681E81



9F82A8



1E3881



4E3D54



D4D4D4



545454

Same Dimension

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



681E81



810DA8



811E6A



3E3940



5F0080



000000

Inverse Universe

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



811E37



A80D35



1E8135



40393B



800020



000000

Previews

White Background



This preview shows how the Hex color 681E81 looks on a white background.

Color Contrast Check

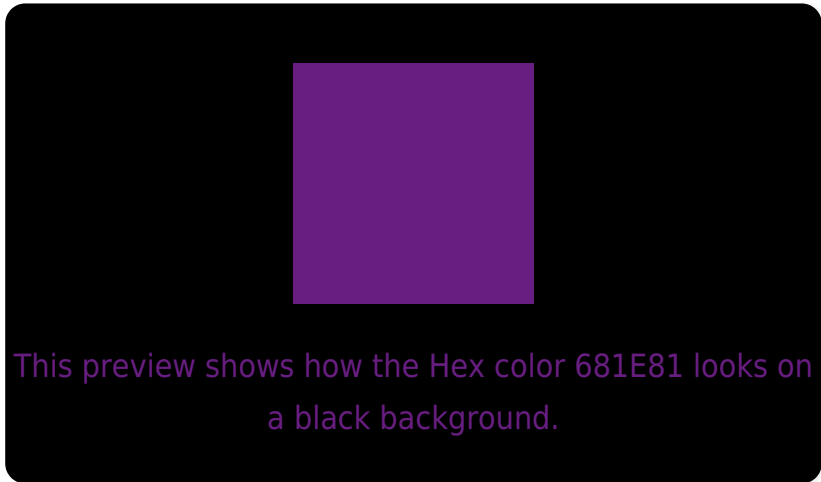
Large Text (above 18pt) WCAG AA ✓ Pass

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

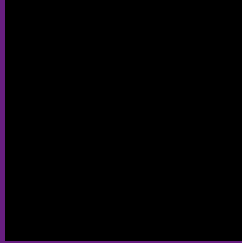
Any Text WCAG AA × Fail

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 681E81 Background



This preview shows how black text looks on a background with the Hex color 681E81.

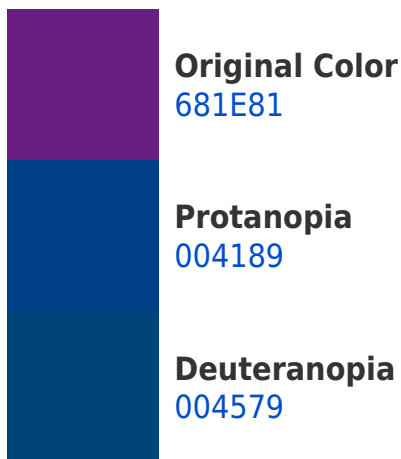



This preview shows how white text looks on a background with the Hex color 681E81.

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](#).

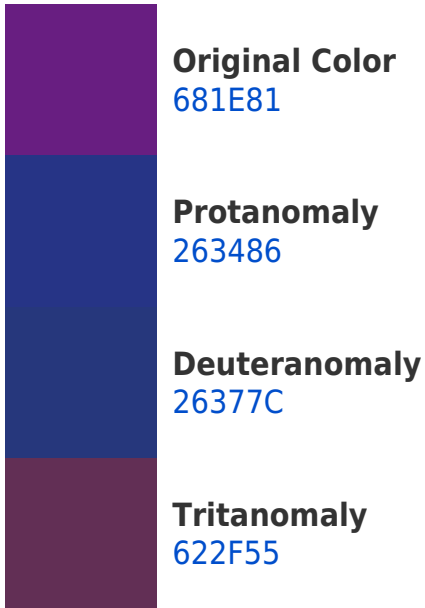
Dichromacy



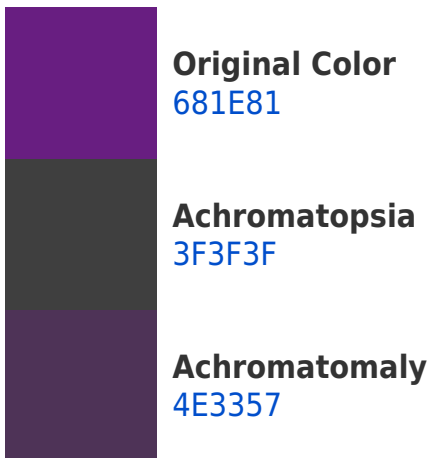


Tritanopia
5E383C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 681E81 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 #681E81 looks like.

```
.text, #text, p{  
    color:#681E81  
}
```

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 #681E81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #681E81
}
```

Border

The CSS property to change the border of an element to Hex 681E81 is called "border". The border property can be set on classes, ids or directly on the HTML element.

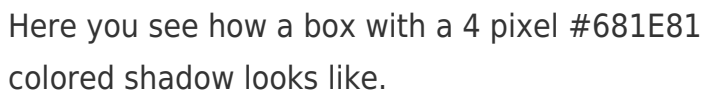
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#681E81 }
```

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

```
.border{ border-color:#681E81 }
```

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



Here you see how a box with a 4 pixel #681E81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #681E81; -webkit-box-shadow:4px 4px  
4px 4px #681E81; box-shadow:4px 4px 4px  
4px #681E81 }
```

Background

The CSS property to change the background color of an element to Hex 681E81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#681E81 }
```

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

```
.background{ background-color:#681E81 }
```

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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