

# Converting Colors

Hex(681852)

Have a look what the booklet for  
Hex(681852) contains.

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# Color

**Hex(681852)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	681852
RGB	104, 24, 82
RGB Percent	41%, 9%, 32%
CMY	0.5922, 0.9059, 0.6784
CMYK	0.00, 0.77, 0.21, 0.59
HSL	316°, 62%, 25%
HSV	316°, 77%, 41%
XYZ	7.5585, 4.2055, 8.3960
YIQ	54.5320, 29.0620, 34.9980

# Conversions

## Conversions Part 2

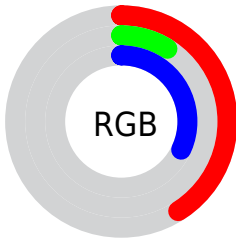
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 24, 82
Decimal	6821970
CIELab	24.34, 41.14, -15.58
CIELCh	24, 43.988, 339.262
Yxy	4.2055, 0.3749, 0.2086
Android (android.graphics.Color)	4285012050 (0xFF681852)
YUV	54.5320, 13.5417, 43.3834
Hunter-Lab	20.5074, 29.9031, -9.9190

# Details

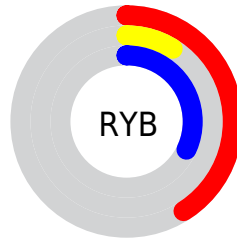
The Hex color **681852** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **18682E**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **9E4C84**, and **360025** is the 20% darker color. If you saturate the color by 10%, you get **680E4F**, and if you desaturate by 10%, it is **682255**.

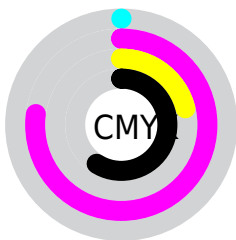
# Distribution



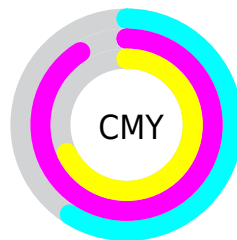
- Red (41%)
- Green (9%)
- Blue (32%)



- Red (41%)
- Yellow (9%)
- Blue (32%)



- Cyan (0%)
- Magenta (77%)
- Yellow (21%)
- Black (59%)



- Cyan (59%)
- Magenta (91%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 681852 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 681852 by changing the saturation by 10% instead.



 681852

 681852

FFFFFF

 4E003B

 9E4C84

 360025

 BA669E

 1B000E

 D680B9

 000000

 F39BD4

 FFB6F1

 FFD2FF

 FFEFFF

 681852

 681852

680E4F

682255

68034C

682D58

68004B

68375B

68425D

684C60

685663

686166

686B69

68766C

# Harmonies

## Analogous

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



462C6E



681852



730F31

# Triad

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



681852



3F3C00



004863

# Complementary

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



681852



18682E

# 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.



004844



681852



184300

# Square

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



681852



5A2F00



004721



004478

# Rectangle

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



681852



70181C



004721



00485A



# Sweetspot

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



681852



87687F



2D1868



453240



C4C4C4



454545



# Same Dimension

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



681852



870B65



68182B



332E32



730053



F200B0



# Inverse Universe

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



681852



870B65



186855



332E32



730053

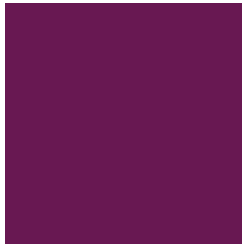


F200B0



# Previews

## White Background



This preview shows how the Hex color 681852 looks on a white background.

## Color Contrast Check

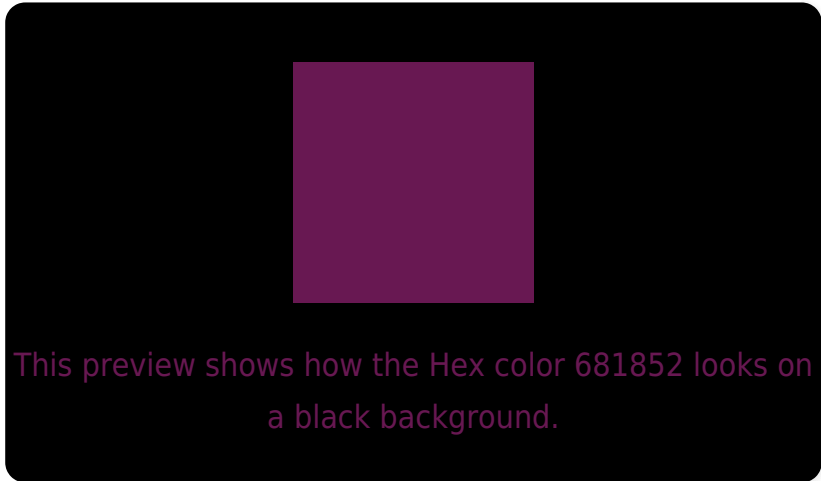
Large Text (above 18pt) WCAG AA ✓ Pass

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

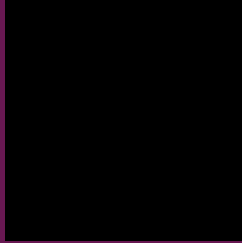
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 681852 Background



This preview shows how black text looks on a background with the Hex color 681852.

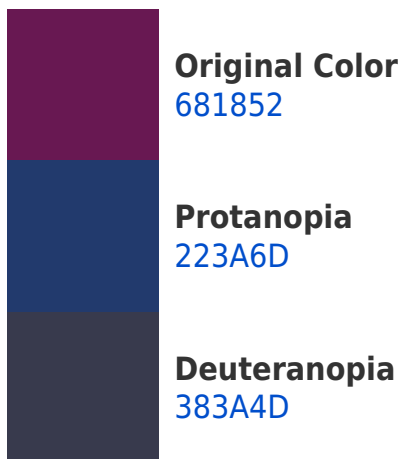



This preview shows how white text looks on a background with the Hex color 681852.

# 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**  
642628

# Trichromacy



**Original Color**  
681852

**Protanomaly**  
3B2E63

**Deuteranomaly**  
492E4F

**Tritanomaly**  
652137

# Monochromacy



**Original Color**  
681852

**Achromatopsia**  
373737

**Achromatomaly**  
492C41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 681852 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 #681852 looks like.

```
.text, #text, p{  
    color:#681852  
}
```

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 #681852 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #681852
}
```

## Border

The CSS property to change the border of an element to Hex 681852 is called "border". The border property can be set on classes, ids or directly on the HTML element.

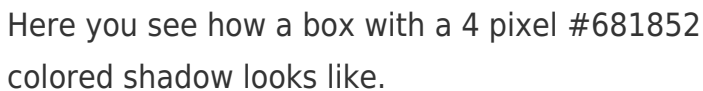
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#681852 }
```

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

```
.border{ border-color:#681852 }
```

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



Here you see how a box with a 4 pixel #681852 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #681852; -webkit-box-shadow:4px 4px  
4px 4px #681852; box-shadow:4px 4px 4px  
4px #681852 }
```

# Background

The CSS property to change the background color of an element to Hex 681852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#681852 }
```

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

```
.background{ background-color:#681852 }
```

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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