

# Converting Colors

Hex(682771)

Have a look what the booklet for  
Hex(682771) contains.

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# Color

**Hex(682771)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	682771
RGB	104, 39, 113
RGB Percent	41%, 15%, 44%
CMY	0.5922, 0.8471, 0.5569
CMYK	0.08, 0.65, 0.00, 0.56
HSL	293°, 49%, 30%
HSV	293°, 65%, 44%
XYZ	9.4151, 5.5863, 16.2048
YIQ	66.8710, 14.9860, 36.7940

# Conversions

## Conversions Part 2

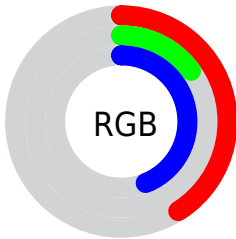
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	104, 39, 113
Decimal	6825841
CIE Lab	28.34, 40.21, -29.53
CIE LCh	28, 49.891, 323.704
Yxy	5.5863, 0.3017, 0.1790
Android (android.graphics.Color)	4285015921 (0xFF682771)
YUV	66.8710, 22.7416, 32.5621
Hunter-Lab	23.6355, 29.7426, -24.1053

# Details

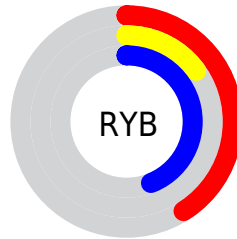
The Hex color **682771** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **307127**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **9D59A5**, and **360040** is the 20% darker color. If you saturate the color by 10%, you get **671C71**, and if you desaturate by 10%, it is **693271**.

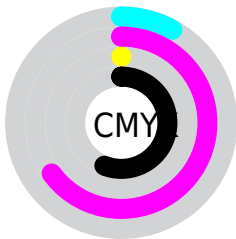
# Distribution



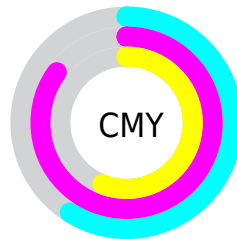
- Red (41%)
- Green (15%)
- Blue (44%)



- Red (41%)
- Yellow (15%)
- Blue (44%)



- Cyan (8%)
- Magenta (65%)
- Yellow (0%)
- Black (56%)



- Cyan (59%)
- Magenta (85%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 682771 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 682771 by changing the saturation by 10% instead.



682771

682771

FFFFFF

4E0B58

9D59A5

360040

B973C1

21002A

D58DDD

000114

F2A8F9

000000

FFC4FF

FFE0FF

FFFDFF

682771

682771

671C71

693271

651071

6B3E71

640571

6C4971

630071

6D5471

6F6071

706B71

727671

738171

748D71

# Harmonies

## Analogous

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



293C8A



682771



81104D

# Triad

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



682771



5A3E00



005361

# Complementary

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



682771



307127

# 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.



005339



682771



364A00

# Square

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



682771



742D00



00500F



005181

# Rectangle

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



682771



850F33



00500F



005354



# Sweetspot

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



682771



907694



273171



48384A



C9C9C9



4A4A4A



# Same Dimension

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



682771



861F94



712756



373238



690078



D900F7



# Inverse Universe

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



712730



941F2D



277142



383233



78000F

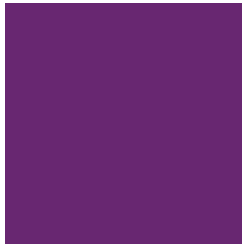


F7001E



# Previews

## White Background



This preview shows how the Hex color 682771 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

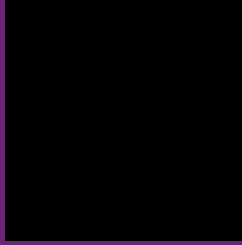
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 682771 Background



This preview shows how black text looks on a background with the Hex color 682771.



This preview shows how white text looks on a background with the Hex color 682771.

# 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**  
61373C

# Trichromacy



**Original Color**  
682771



**Protanomaly**  
2A3882



**Deuteranomaly**  
42396E



**Tritanomaly**  
64314F

# Monochromacy



**Original Color**  
682771



**Achromatopsia**  
434343



**Achromatomaly**  
503954

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 682771 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 #682771 looks like.

```
.text, #text, p{  
    color:#682771  
}
```

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 #682771 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #682771
}
```

## Border

The CSS property to change the border of an element to Hex 682771 is called "border". The border property can be set on classes, ids or directly on the HTML element.

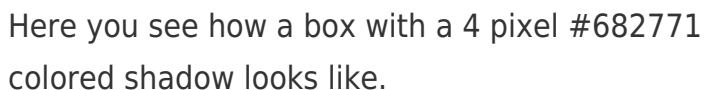
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#682771 }
```

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

```
.border{ border-color:#682771 }
```

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



Here you see how a box with a 4 pixel #682771 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #682771; -webkit-box-shadow:4px 4px  
4px 4px #682771; box-shadow:4px 4px 4px  
4px #682771 }
```

# Background

The CSS property to change the background color of an element to Hex 682771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#682771 }
```

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

```
.background{ background-color:#682771 }
```

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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