

Converting Colors

Hex(682875)

Have a look what the booklet for
Hex(682875) contains.

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Color

Hex(682875)

Conversions

Conversions Part 1

Format	Color
Hex	682875
RGB	104, 40, 117
RGB Percent	41%, 16%, 46%
CMY	0.5922, 0.8431, 0.5412
CMYK	0.11, 0.66, 0.00, 0.54
HSL	290°, 49%, 31%
HSV	290°, 66%, 46%
XYZ	9.6786, 5.7450, 17.4284
YIQ	67.9140, 13.4270, 37.5150

Conversions

Conversions Part 2

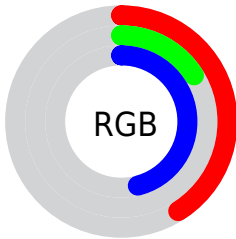
Format	Color
RYB	104, 40, 117
Decimal	6826101
CIELab	28.76, 40.56, -31.42
CIElCh	29, 51.303, 322.235
Yxy	5.7450, 0.2946, 0.1749
Android (android.graphics.Color)	4285016181 (0xFF682875)
YUV	67.9140, 24.1994, 31.6474
Hunter-Lab	23.9687, 30.1333, -26.3335

Details

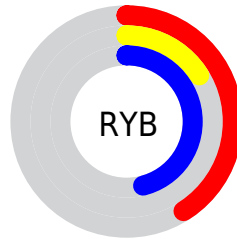
The Hex color **682875** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **357528**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **9D5AAA**, and **350044** is the 20% darker color. If you saturate the color by 10%, you get **661C75**, and if you desaturate by 10%, it is **6A3475**.

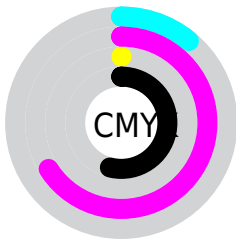
Distribution



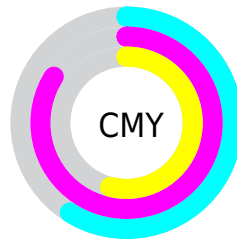
- Red (41%)
- Green (16%)
- Blue (46%)



- Red (41%)
- Yellow (16%)
- Blue (46%)



- Cyan (11%)
- Magenta (66%)
- Yellow (0%)
- Black (54%)



- Cyan (59%)
- Magenta (84%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 682875 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 682875 by changing the saturation by 10% instead.

682875

682875

FFFFFF

4E0D5C

9D5AAA

350044

B974C5

21002E

D58EE1

000118

F2A9FE

000000

FFC5FF

FFE1FF

FFFEFF

682875

682875

661C75

6A3475

641175

6C3F75

620575

6E4B75

610075

705775

726375

746E75

767A75

788675

7A9175

Harmonies

Analogous

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



223E8E



682875



830E50

Triad

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



682875



5D3F00



005561

Complementary

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



682875



357528

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.



005438



682875



384A00

Square

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



682875



782C00



00510C



005382

Rectangle

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



682875



880C36



00510C



005554

Sweetspot

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



682875



947A99



283675



493A4D



CCCCCC



4D4D4D

Same Dimension

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



682875



852099



75285D



3A353B



66007A



D000FA

Inverse Universe

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



752835



992035



287540



3B3536



7A0015



FA002A

Previews

White Background



This preview shows how the Hex color 682875 looks on a white background.

Color Contrast Check

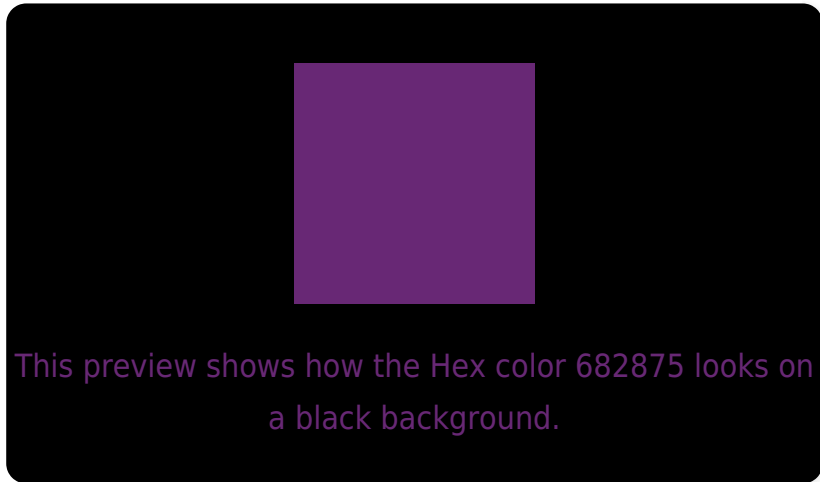
Large Text (above 18pt) WCAG AA ✓ Pass

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

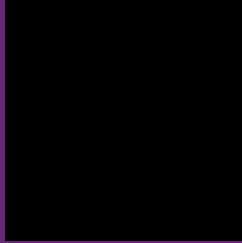
Any Text WCAG AA × Fail

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 682875 Background



This preview shows how black text looks on a background with the Hex color 682875.

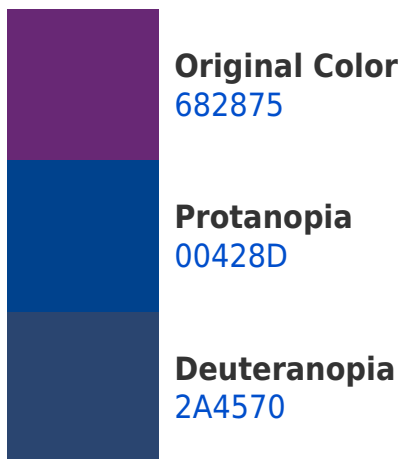



This preview shows how white text looks on a background with the Hex color 682875.

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
61393D

Trichromacy



Original Color
682875

Protanomaly
263984

Deuteranomaly
413A72

Tritanomaly
643351

Monochromacy



Original Color
682875

Achromatopsia
444444

Achromatomaly
513A56

CSS Examples

Text

The CSS property to change the color of the text to Hex 682875 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 #682875 looks like.

```
.text, #text, p{  
    color:#682875  
}
```

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 #682875 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #682875
}
```

Border

The CSS property to change the border of an element to Hex 682875 is called "border". The border property can be set on classes, ids or directly on the HTML element.

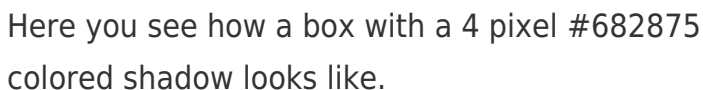
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#682875 }
```

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

```
.border{ border-color:#682875 }
```

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



Here you see how a box with a 4 pixel #682875 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #682875; -webkit-box-shadow:4px 4px  
4px 4px #682875; box-shadow:4px 4px 4px  
4px #682875 }
```

Background

The CSS property to change the background color of an element to Hex 682875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#682875 }
```

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

```
.background{ background-color:#682875 }
```

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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