

Converting Colors

Hex(682768)

Have a look what the booklet for
Hex(682768) contains.

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Color

Hex(682768)

Conversions

Conversions Part 1

Format	Color
Hex	682768
RGB	104, 39, 104
RGB Percent	41%, 15%, 41%
CMY	0.5922, 0.8471, 0.5922
CMYK	0.00, 0.62, 0.00, 0.59
HSL	300°, 45%, 28%
HSV	300°, 62%, 41%
XYZ	8.9331, 5.3936, 13.6669
YIQ	65.8450, 17.8750, 33.9950

Conversions

Conversions Part 2

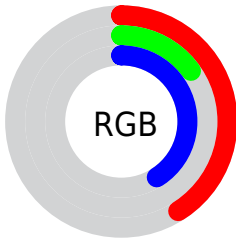
Format	Color
RYB	104, 39, 104
Decimal	6825832
CIELab	27.83, 38.42, -24.57
CIELCh	28, 45.604, 327.396
Yxy	5.3936, 0.3191, 0.1927
Android (android.graphics.Color)	4285015912 (0xFF682768)
YUV	65.8450, 18.8104, 33.4619
Hunter-Lab	23.2241, 28.0179, -18.6342

Details

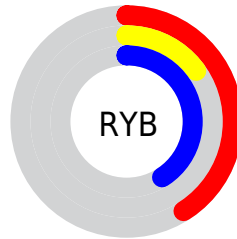
The Hex color **682768** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **276827**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **9D599B**, and **360038** is the 20% darker color. If you saturate the color by 10%, you get **681D68**, and if you desaturate by 10%, it is **683168**.

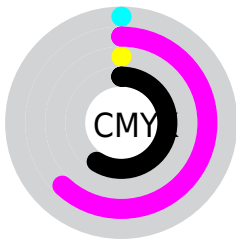
Distribution



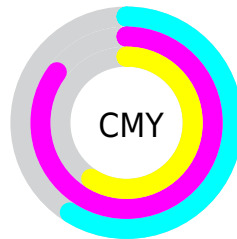
- Red (41%)
- Green (15%)
- Blue (41%)



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



- Cyan (0%)
- Magenta (62%)
- Yellow (0%)
- Black (59%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 682768 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 682768 by changing the saturation by 10% instead.

 682768

 682768

FFFFFF

 4F0C50

 9D599B

 360038

 B972B6

 210023

 D58DD2

 000009

 F2A8EF

 000000

 FFC3FF

 FFE0FF

 FFFDFF

 682768

 682768

681D68

683168

681268

683C68

680868

684668

680068

685168

685B68

686568

687068

687A68

688568

Harmonies

Analogous

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



383A81



682768



7C1846

Triad

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



682768



543F00



005161

Complementary

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



682768



276827

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.



00513D



682768



314900

Square

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



682768



6D3001



004E19



004E7D

Rectangle

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



682768



7E192F



004E19



005156

Sweetspot

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



682768



876D87



272768



453545



C4C4C4



454545

Same Dimension

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



682768



872287



682748



332E33



730073



F200F2

Inverse Universe

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



682768



872287



276848



332E33



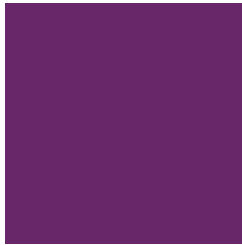
730073



F200F2

Previews

White Background



This preview shows how the Hex color 682768 looks on a white background.

Color Contrast Check

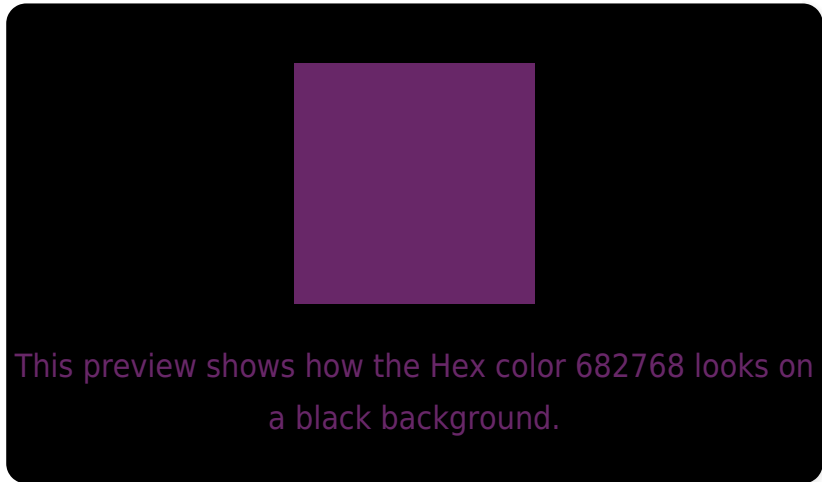
Large Text (above 18pt) WCAG AA ✓ Pass

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

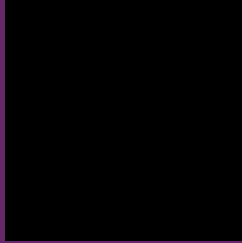
Any Text WCAG AA × Fail

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 682768 Background



This preview shows how black text looks on a background with the Hex color 682768.

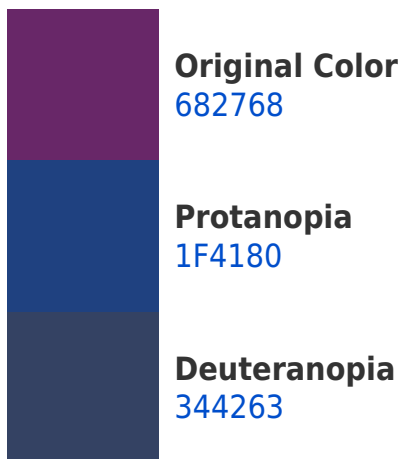


This preview shows how white text looks on a background with the Hex color 682768.

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



Trichromacy



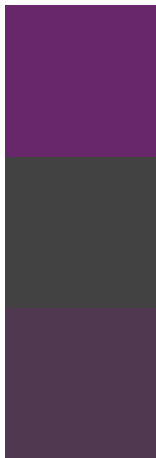
Original Color
682768

Protanomaly
3A3877

Deuteranomaly
473865

Tritanomaly
64304A

Monochromacy



Original Color
682768

Achromatopsia
424242

Achromatomaly
503850

CSS Examples

Text

The CSS property to change the color of the text to Hex 682768 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 #682768 looks like.

```
.text, #text, p{  
    color:#682768  
}
```

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 #682768 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #682768
}
```

Border

The CSS property to change the border of an element to Hex 682768 is called "border". The border property can be set on classes, ids or directly on the HTML element.

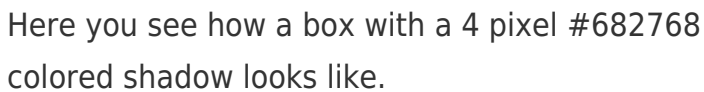
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#682768 }
```

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

```
.border{ border-color:#682768 }
```

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



Here you see how a box with a 4 pixel #682768 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #682768; -webkit-box-shadow:4px 4px  
4px 4px #682768; box-shadow:4px 4px 4px  
4px #682768 }
```

Background

The CSS property to change the background color of an element to Hex 682768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#682768 }
```

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

```
.background{ background-color:#682768 }
```

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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