

Converting Colors

Hex(682E6B)

Have a look what the booklet for
Hex(682E6B) contains.

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Color

Hex(682E6B)

Conversions

Conversions Part 1

Format	Color
Hex	682E6B
RGB	104, 46, 107
RGB Percent	41%, 18%, 42%
CMY	0.5922, 0.8196, 0.5804
CMYK	0.03, 0.57, 0.00, 0.58
HSL	297°, 40%, 30%
HSV	297°, 57%, 42%
XYZ	9.3398, 5.9586, 14.5678
YIQ	70.2960, 14.9870, 31.2670

Conversions

Conversions Part 2

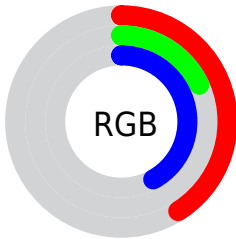
Format	Color
R_{YB}	104, 46, 107
Decimal	6827627
CIE _{Lab}	29.31, 35.44, -24.18
CIE _{LCh}	29, 42.898, 325.698
Yxy	5.9586, 0.3127, 0.1995
Android (android.graphics.Color)	4285017707 (0xFF682E6B)
YUV	70.2960, 18.0951, 29.5584
Hunter-Lab	24.4102, 25.5792, -18.2966

Details

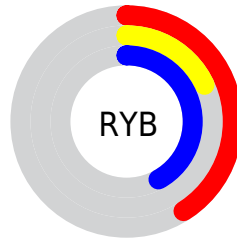
The Hex color **682E6B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **316B2E**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **9D5F9F**, and **36003B** is the 20% darker color. If you saturate the color by 10%, you get **67236B**, and if you desaturate by 10%, it is **69396B**.

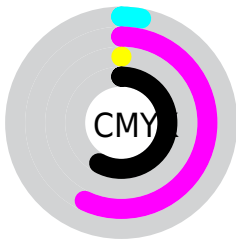
Distribution



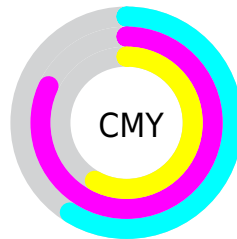
- Red (41%)
- Green (18%)
- Blue (42%)



- Red (41%)
- Yellow (18%)
- Blue (42%)



- Cyan (3%)
- Magenta (57%)
- Yellow (0%)
- Black (58%)



- Cyan (59%)
- Magenta (82%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 682E6B 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 682E6B by changing the saturation by 10% instead.



682E6B



682E6B

FFFFFF



4F1553



9D5F9F



36003B



B879BA



230026



D593D6



00010E



F1AEF2



000000



FFCAFF



FFE6FF



682E6B



682E6B



67236B



69396B

67196B

69436B

660E6B

6A4E6B

66036B

6A596B

66006B

6B646B

6B6E6B

6C796B

6C846B

6D8E6B

Harmonies

Analogous

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



393E81



682E6B



7D214B

Triad

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



682E6B



584200



005461

Complementary

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



682E6B



316B2E

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.



00543F



682E6B



384C00

Square

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



682E6B



71340B



00511D



00517C

Rectangle

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



682E6B



802235



00511D



005456

Sweetspot

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



682E6B



8B748C



2E316B



473947



C7C7C7



474747

Same Dimension

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



682E6B



882D8C



6B2E50



353036



700075



E900F5

Inverse Universe

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



6B2E31



8C2D32



2E6B49



363030



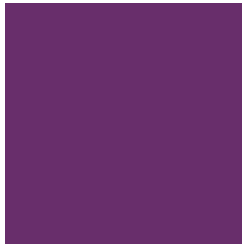
750006



F5000C

Previews

White Background



This preview shows how the Hex color 682E6B looks on a white background.

Color Contrast Check

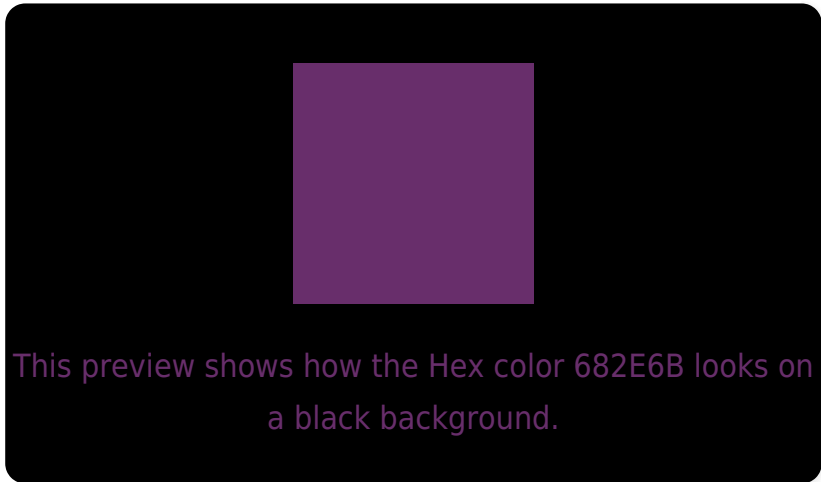
Large Text (above 18pt) WCAG AA ✓ Pass

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

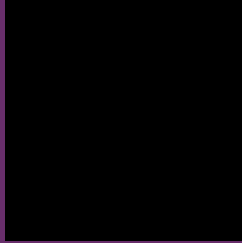
Any Text WCAG AA × Fail

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 682E6B Background



This preview shows how black text looks on a background with the Hex color 682E6B.



This preview shows how white text looks on a background with the Hex color 682E6B.

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
623A3E

Trichromacy



Original Color
682E6B

Protanomaly
403C78

Deuteranomaly
493D68

Tritanomaly
64364E

Monochromacy



Original Color
682E6B

Achromatopsia
464646

Achromatomaly
523D53

CSS Examples

Text

The CSS property to change the color of the text to Hex 682E6B 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 #682E6B looks like.

```
.text, #text, p{  
    color:#682E6B  
}
```

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 #682E6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #682E6B
}
```

Border

The CSS property to change the border of an element to Hex 682E6B is called "border". The border property can be set on classes, ids or directly on the HTML element.

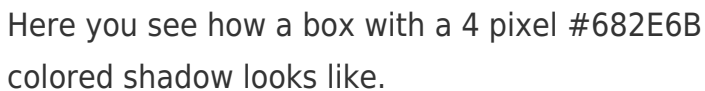
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#682E6B }
```

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

```
.border{ border-color:#682E6B }
```

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



Here you see how a box with a 4 pixel #682E6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #682E6B; -webkit-box-shadow:4px 4px  
4px 4px #682E6B; box-shadow:4px 4px 4px  
4px #682E6B }
```

Background

The CSS property to change the background color of an element to Hex 682E6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#682E6B }
```

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

```
.background{ background-color:#682E6B }
```

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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