

Converting Colors

Hex(682744)

Have a look what the booklet for
Hex(682744) contains.

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Color

Hex(682744)

Conversions

Conversions Part 1

Format	Color
Hex	682744
RGB	104, 39, 68
RGB Percent	41%, 15%, 27%
CMY	0.5922, 0.8471, 0.7333
CMYK	0.00, 0.62, 0.35, 0.59
HSL	333°, 45%, 28%
HSV	333°, 62%, 41%
XYZ	7.4778, 4.8114, 6.0034
YIQ	61.7410, 29.4310, 22.7990

Conversions

Conversions Part 2

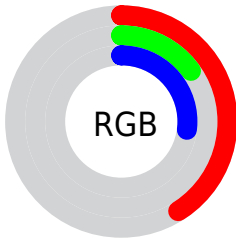
Format	Color
RYB	104, 39, 68
Decimal	6825796
CIELab	26.19, 32.39, -3.38
CIELCh	26, 32.567, 354.044
Yxy	4.8114, 0.4088, 0.2630
Android (android.graphics.Color)	4285015876 (0xFF682744)
YUV	61.7410, 3.0857, 37.0611
Hunter-Lab	21.9350, 22.4658, -0.8726

Details

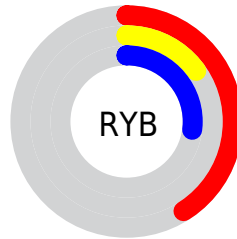
The Hex color **682744** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **27684B**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **9E5874**, and **360019** is the 20% darker color. If you saturate the color by 10%, you get **681D3E**, and if you desaturate by 10%, it is **68314A**.

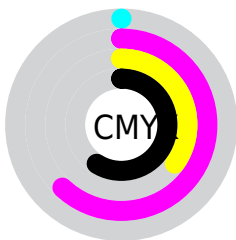
Distribution



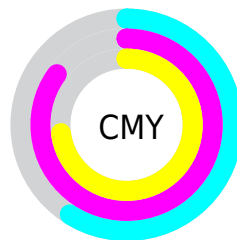
- Red (41%)
- Green (15%)
- Blue (27%)



- Red (41%)
- Yellow (15%)
- Blue (27%)



- Cyan (0%)
- Magenta (62%)
- Yellow (35%)
- Black (59%)



- Cyan (59%)
- Magenta (85%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 682744 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 682744 by changing the saturation by 10% instead.

682744

682744

FFFFFF

4E0E2E

9E5874

360019

B9718E

1E0001

D68BA8

000000

F3A6C3

FFC1DF

FFDEFC

FFFBFF

682744

682744

681D3E

68314A

681238

683C50

680833

684655

68002E

68515B

685B61

686567

68706C

687A72

688578

Harmonies

Analogous

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



572F5B



682744



6A282B

Triad

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



682744



37430C



004866

Complementary

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



682744



27684B

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.



004A51



682744



16471F

Square

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



682744



4F3B08



004938



00426F

Rectangle

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



682744



652E1C



004938



004960

Sweetspot

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



682744



876D79



4B2768



45353C



C4C4C4



454545

Same Dimension

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



682744



87224F



682A27



332E30



730033



F2006C

Inverse Universe

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



682744



87224F



276568



332E30



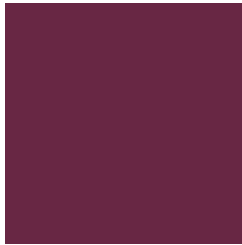
730033



F2006C

Previews

White Background



This preview shows how the Hex color 682744 looks on a white background.

Color Contrast Check

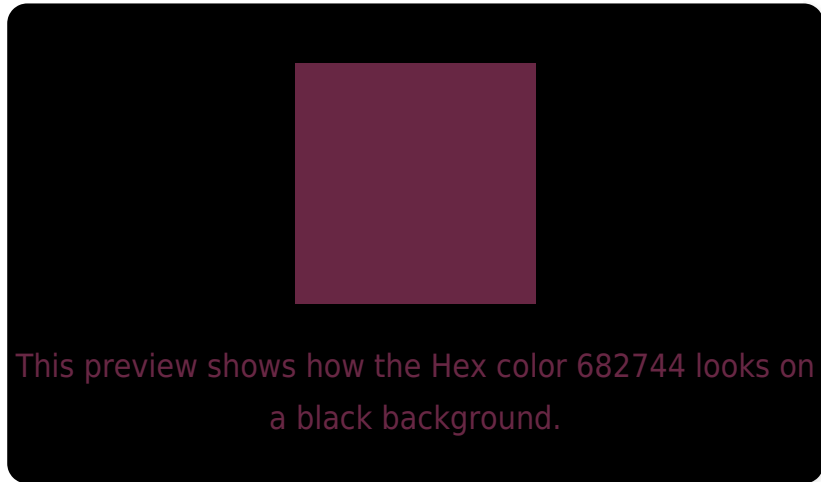
Large Text (above 18pt) WCAG AA ✓ Pass

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

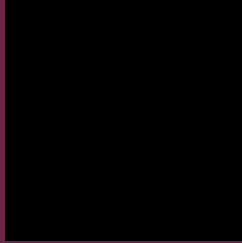
Any Text WCAG AA × Fail

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 682744 Background



This preview shows how black text looks on a background with the Hex color 682744.

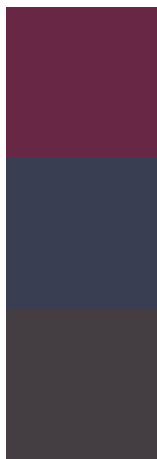


This preview shows how white text looks on a background with the Hex color 682744.

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



Original Color
682744

Protanopia
393E53

Deuteranopia
443D41

Trichromacy



Original Color
682744

Protanomaly
4A364E

Deuteranomaly
513542

Tritanomaly
672A37

Monochromacy



Original Color
682744

Achromatopsia
3E3E3E

Achromatomaly
4D3640

CSS Examples

Text

The CSS property to change the color of the text to Hex 682744 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 #682744 looks like.

```
.text, #text, p{  
    color:#682744  
}
```

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 #682744 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #682744
}
```

Border

The CSS property to change the border of an element to Hex 682744 is called "border". The border property can be set on classes, ids or directly on the HTML element.

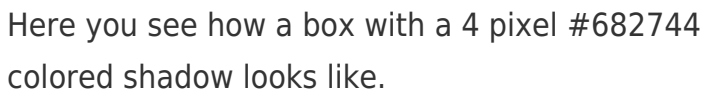
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#682744 }
```

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

```
.border{ border-color:#682744 }
```

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



Here you see how a box with a 4 pixel #682744 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #682744; -webkit-box-shadow:4px 4px  
4px 4px #682744; box-shadow:4px 4px 4px  
4px #682744 }
```

Background

The CSS property to change the background color of an element to Hex 682744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#682744 }
```

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

```
.background{ background-color:#682744 }
```

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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