

# Converting Colors

Hex(682F41)

Have a look what the booklet for  
Hex(682F41) contains.

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# Color

**Hex(682F41)**

# Conversions

## Conversions Part 1

Format	Color
Hex	682F41
RGB	104, 47, 65
RGB Percent	41%, 18%, 25%
CMY	0.5922, 0.8157, 0.7451
CMYK	0.00, 0.55, 0.38, 0.59
HSL	341°, 38%, 30%
HSV	341°, 55%, 41%
XYZ	7.6796, 5.3577, 5.6304
YIQ	66.0950, 28.1940, 17.6820

# Conversions

## Conversions Part 2

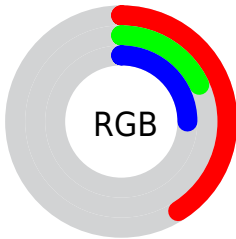
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	104, 47, 65
Decimal	6827841
CIE Lab	27.73, 27.66, 0.89
CIE LCh	28, 27.677, 1.834
Yxy	5.3577, 0.4114, 0.2870
Android (android.graphics.Color)	4285017921 (0xFF682F41)
YUV	66.0950, -0.5398, 33.2427
Hunter-Lab	23.1468, 18.7153, 1.7806

# Details

The Hex color **682F41** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2F6856**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **9D5F71**, and **360117** is the 20% darker color. If you saturate the color by 10%, you get **68253A**, and if you desaturate by 10%, it is **683948**.

# Distribution



Red (41%)

Green (18%)

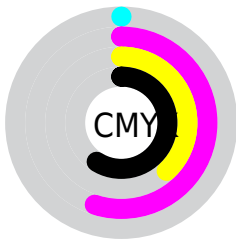
Blue (25%)



Red (41%)

Yellow (18%)

Blue (25%)

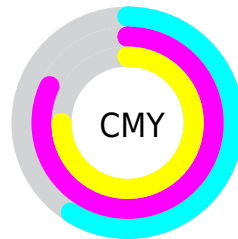


Cyan (0%)

Magenta (55%)

Yellow (38%)

Black (59%)



Cyan (59%)

Magenta (82%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 682F41 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 682F41 by changing the saturation by 10% instead.



 682F41

 682F41

FFFFFF

 4E182B

 9D5F71

 360117

 B9788A

 200001

 D593A4

 000000

 F2ADBF

 FFC9DB

 FFE5F8

 682F41

 682F41

 68253A

 683948

681A33

68444F

68102C

684E56

680525

68595D

680021

686365

686D6C

687873

68827A

688D81

# Harmonies

## Analogous

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



5D3356



682F41



68322C

# Triad

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



682F41



37471C



004967

# Complementary

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



682F41



2F6856

# 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.



004C57



682F41



1A4A2D

# Square

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



682F41



4C4115



004C42



1B436C

# Rectangle

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



682F41



623621



004C42



004A62



# Sweetspot

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



682F41



877278



562F68



45383C



C4C4C4



454545



# Same Dimension

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



682F41



872E4A



68392F



332E30



730024



F2004D



# Inverse Universe

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



682F41



872E4A



2F5E68



332E30



730024

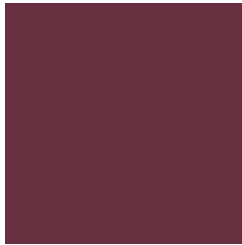


F2004D



# Previews

## White Background



This preview shows how the Hex color 682F41 looks on a white background.

## Color Contrast Check

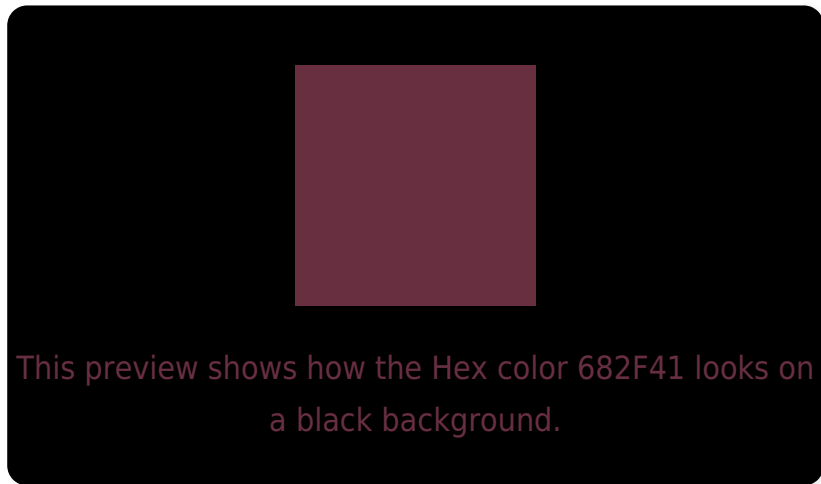
Large Text (above 18pt) WCAG AA ✓ Pass

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

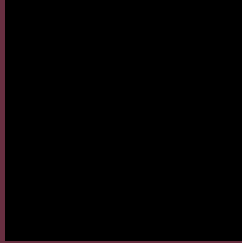
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 682F41 Background



This preview shows how black text looks on a background with the Hex color 682F41.



This preview shows how white text looks on a background with the Hex color 682F41.

# 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**  
682F41

**Protanopia**  
40424C

**Deuteranopia**  
4A403E



# Trichromacy



**Original Color**  
682F41

**Protanomaly**  
4F3B48

**Deuteranomaly**  
553A3F

**Tritanomaly**  
673039

# Monochromacy



**Original Color**  
682F41

**Achromatopsia**  
424242

**Achromatomaly**  
503B42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 682F41 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 #682F41 looks like.

```
.text, #text, p{  
    color:#682F41  
}
```

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 #682F41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #682F41
}
```

## Border

The CSS property to change the border of an element to Hex 682F41 is called "border". The border property can be set on classes, ids or directly on the HTML element.

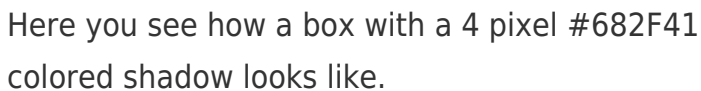
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#682F41 }
```

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

```
.border{ border-color:#682F41 }
```

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



Here you see how a box with a 4 pixel #682F41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #682F41; -webkit-box-shadow:4px 4px  
4px 4px #682F41; box-shadow:4px 4px 4px  
4px #682F41 }
```

# Background

The CSS property to change the background color of an element to Hex 682F41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#682F41 }
```

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

```
.background{ background-color:#682F41 }
```

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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