

# Converting Colors

Hex(682F35)

Have a look what the booklet for  
Hex(682F35) contains.

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# Color

**Hex(682F35)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	682F35
RGB	104, 47, 53
RGB Percent	41%, 18%, 21%
CMY	0.5922, 0.8157, 0.7922
CMYK	0.00, 0.55, 0.49, 0.59
HSL	354°, 38%, 30%
HSV	354°, 55%, 41%
XYZ	7.3680, 5.2331, 3.9899
YIQ	64.7270, 32.0460, 13.9500

# Conversions

## Conversions Part 2

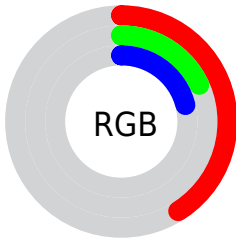
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	104, 47, 53
Decimal	6827829
CIE <sub>Lab</sub>	27.39, 26.17, 8.38
CIE <sub>LCh</sub>	27, 27.481, 17.751
Yxy	5.2331, 0.4441, 0.3154
Android (android.graphics.Color)	4285017909 (0xFF682F35)
YUV	64.7270, -5.7814, 34.4424
Hunter-Lab	22.8760, 17.4592, 5.6722

# Details

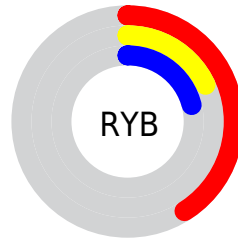
The Hex color **682F35** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2F6862**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **9E5F63**, and **360108** is the 20% darker color. If you saturate the color by 10%, you get **68252C**, and if you desaturate by 10%, it is **68393E**.

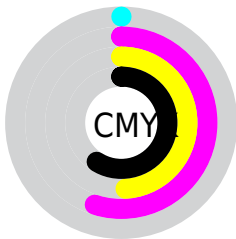
# Distribution



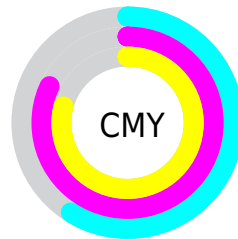
- Red (41%)
- Green (18%)
- Blue (21%)



- Red (41%)
- Yellow (18%)
- Blue (21%)



- Cyan (0%)
- Magenta (55%)
- Yellow (49%)
- Black (59%)



- Cyan (59%)
- Magenta (82%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 682F35 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 682F35 by changing the saturation by 10% instead.



 682F35

 682F35

FFFFFF

 4E1820

 9E5F63

 360108

 BA787C

 1C0001

 D69296

 000000

 F3ADB1

 FFC9CC

 FFE5E8

 682F35

 682F35

 68252C

 68393E

■ 681A22

■ 684448

■ 681019

■ 684E51

■ 680510

■ 68595A

■ 68000B

■ 686364

■ 686D6D

■ 687876

■ 68827F

■ 688D89

# Harmonies

## Analogous

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



63304A



682F35



623522

# Triad

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



682F35



284823



00456A

# Complementary

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



682F35



2F6862

# 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.



004A5F



682F35



004B37

# Square

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



682F35



414316



004B4D



333F69

# Rectangle

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



682F35



593A19



004B4D



004767



# Sweetspot

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



682F35



877274



612F68



453839



C4C4C4



454545



# Same Dimension

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



682F35



872E37



68452F



332E2E



73000C



F2001A



# Inverse Universe

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



682F35



872E37



2F5268



332E2E



73000C

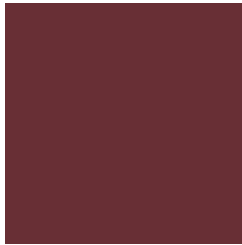


F20019



# Previews

## White Background



This preview shows how the Hex color 682F35 looks on a white background.

## Color Contrast Check

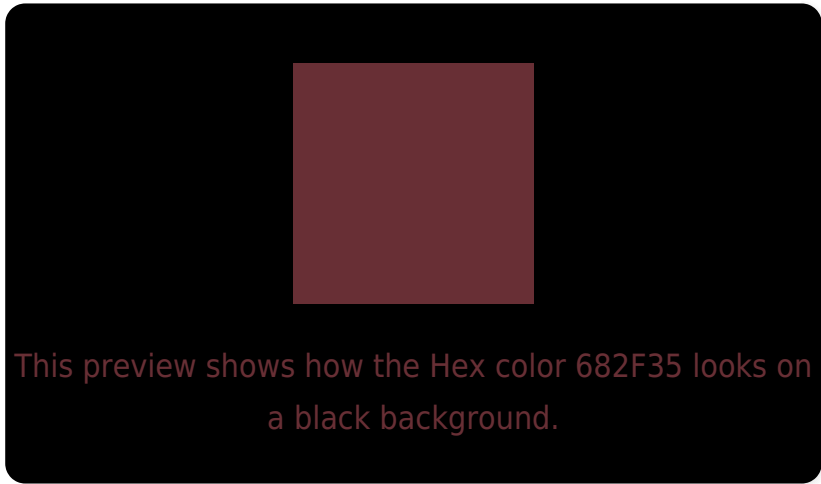
Large Text (above 18pt) WCAG AA ✓ Pass

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

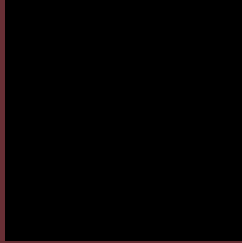
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 682F35 Background



This preview shows how black text looks on a background with the Hex color 682F35.



This preview shows how white text looks on a background with the Hex color 682F35.

# 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**  
682F35

**Protanopia**  
43413E

**Deuteranopia**  
4D3F32



**Tritanopia**  
682F33

# Trichromacy



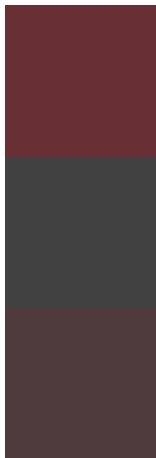
**Original Color**  
682F35

**Protanomaly**  
503A3B

**Deuteranomaly**  
573933

**Tritanomaly**  
682F34

# Monochromacy



**Original Color**  
682F35

**Achromatopsia**  
414141

**Achromatomaly**  
4F3A3D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 682F35 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 #682F35 looks like.

```
.text, #text, p{  
    color:#682F35  
}
```

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 #682F35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #682F35
}
```

## Border

The CSS property to change the border of an element to Hex 682F35 is called "border". The border property can be set on classes, ids or directly on the HTML element.

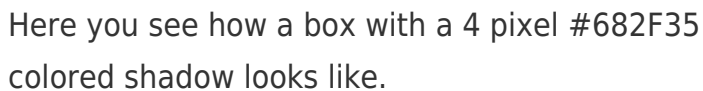
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#682F35 }
```

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

```
.border{ border-color:#682F35 }
```

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



Here you see how a box with a 4 pixel #682F35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #682F35; -webkit-box-shadow:4px 4px  
4px 4px #682F35; box-shadow:4px 4px 4px  
4px #682F35 }
```

# Background

The CSS property to change the background color of an element to Hex 682F35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#682F35 }
```

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

```
.background{ background-color:#682F35 }
```

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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