

Converting Colors

Hex(682F34)

Have a look what the booklet for
Hex(682F34) contains.

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Color

Hex(682F34)

Conversions

Conversions Part 1

Format	Color
Hex	682F34
RGB	104, 47, 52
RGB Percent	41%, 18%, 20%
CMY	0.5922, 0.8157, 0.7961
CMYK	0.00, 0.55, 0.50, 0.59
HSL	355°, 38%, 30%
HSV	355°, 55%, 41%
XYZ	7.3453, 5.2240, 3.8700
YIQ	64.6130, 32.3670, 13.6390

Conversions

Conversions Part 2

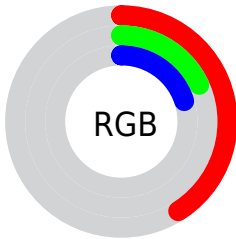
Format	Color
RYB	104, 47, 52
Decimal	6827828
CIELab	27.36, 26.06, 9.01
CIELCh	27, 27.574, 19.066
Yxy	5.2240, 0.4468, 0.3178
Android (android.graphics.Color)	4285017908 (0xFF682F34)
YUV	64.6130, -6.2182, 34.5424
Hunter-Lab	22.8561, 17.3663, 5.9603

Details

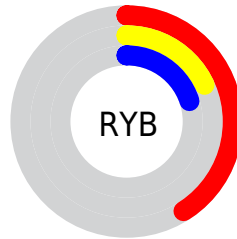
The Hex color **682F34** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2F6863**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **9E5F62**, and **360106** is the 20% darker color. If you saturate the color by 10%, you get **68252B**, and if you desaturate by 10%, it is **68393D**.

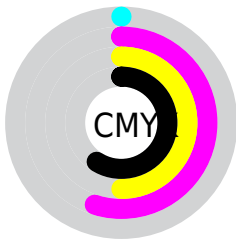
Distribution



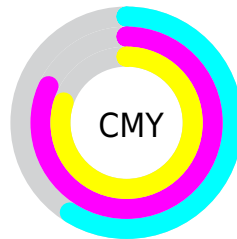
- Red (41%)
- Green (18%)
- Blue (20%)



- Red (41%)
- Yellow (18%)
- Blue (20%)



- Cyan (0%)
- Magenta (55%)
- Yellow (50%)
- Black (59%)



- Cyan (59%)
- Magenta (82%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 682F34 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 682F34 by changing the saturation by 10% instead.

682F34

682F34

FFFFFF

4E181F

9E5F62

360106

BA787B

1C0001

D69295

000000

F3ADB0

FFC9CB

FFE5E7

682F34

682F34

68252B

68393D

■ 681A21

■ 684447

■ 681018

■ 684E50

■ 68050E

■ 68595A

■ 680009

■ 686363

■ 686D6D

■ 687876

■ 688280

■ 688D89

Harmonies

Analogous

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



642F49



682F34



623521

Triad

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



682F34



274824



00456A

Complementary

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



682F34



2F6863

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.



004960



682F34



004B38

Square

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



682F34



404417



004B4E



353E69

Rectangle

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



682F34



593A19



004B4E



004768

Sweetspot

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



682F34



877273



622F68



453839



C4C4C4



454545

Same Dimension

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



682F34



872E36



68462F



332E2E



73000A



F20015

Inverse Universe

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



682F34



872E36



2F5168



332E2E



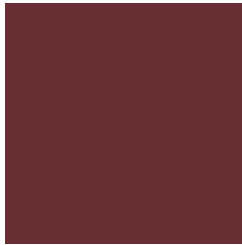
73000A



F20015

Previews

White Background



This preview shows how the Hex color 682F34 looks on a white background.

Color Contrast Check

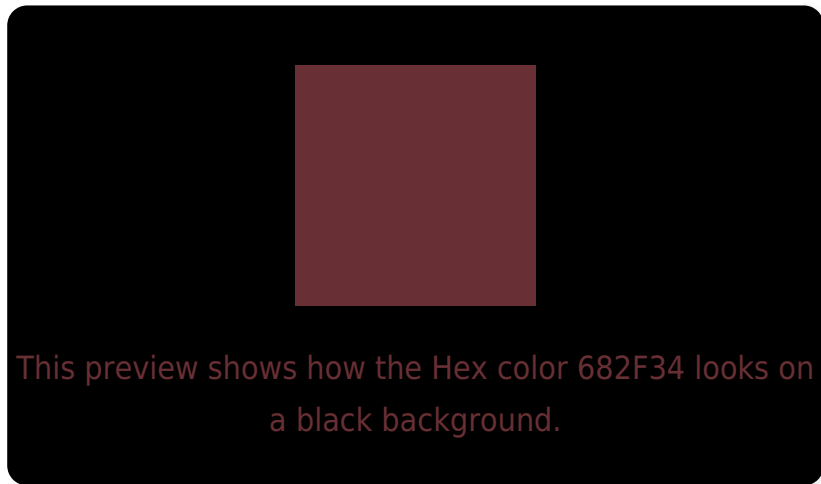
Large Text (above 18pt) WCAG AA ✓ Pass

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

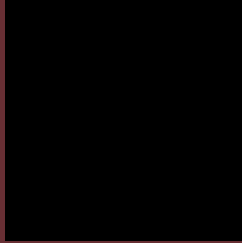
Any Text WCAG AA × Fail

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 682F34 Background



This preview shows how black text looks on a background with the Hex color 682F34.



This preview shows how white text looks on a background with the Hex color 682F34.

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
682F34

Protanopia
44413D

Deuteranopia
4D3F31



Tritanopia
682F32

Trichromacy



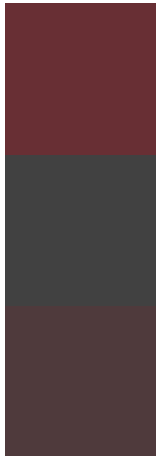
Original Color
682F34

Protanomaly
513A3A

Deuteranomaly
573932

Tritanomaly
682F33

Monochromacy



Original Color
682F34

Achromatopsia
414141

Achromatomaly
4F3A3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 682F34 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 #682F34 looks like.

```
.text, #text, p{  
    color:#682F34  
}
```

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 #682F34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #682F34
}
```

Border

The CSS property to change the border of an element to Hex 682F34 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".

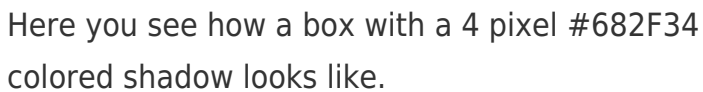
```
.border, #border, table{ border:4px solid
#682F34 }
```

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

```
.border{ border-color:#682F34 }
```

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

Here you see how a box with a 4 pixel #682F34 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #682F34 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #682F34; -webkit-box-shadow:4px 4px  
4px 4px #682F34; box-shadow:4px 4px 4px  
4px #682F34 }
```

Background

The CSS property to change the background color of an element to Hex 682F34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#682F34 }
```

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

```
.background{ background-color:#682F34 }
```

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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