

# Converting Colors

Hex(672C40)

Have a look what the booklet for  
Hex(672C40) contains.

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# Color

**Hex(672C40)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	672C40
RGB	103, 44, 64
RGB Percent	40%, 17%, 25%
CMY	0.5961, 0.8275, 0.7490
CMYK	0.00, 0.57, 0.38, 0.60
HSL	340°, 40%, 29%
HSV	340°, 57%, 40%
XYZ	7.4196, 5.0551, 5.4352
YIQ	63.9210, 28.7440, 18.7280

# Conversions

## Conversions Part 2

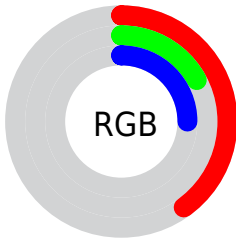
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">103, 44, 64</a>
Decimal	<a href="#">6761536</a>
CIELab	<a href="#">26.89, 28.81, 0.31</a>
CIELCh	<a href="#">27, 28.816, 0.617</a>
Yxy	<a href="#">5.0551, 0.4143, 0.2823</a>
Android (android.graphics.Color)	<a href="#">4284951616 (0xFF672C40)</a>
YUV	<a href="#">63.9210, 0.0389, 34.2723</a>
Hunter-Lab	<a href="#">22.4835, 19.5592, 1.4057</a>

# Details

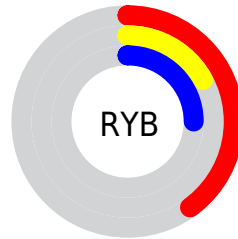
The Hex color **672C40** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2C6753**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **9C5C70**, and **350016** is the 20% darker color. If you saturate the color by 10%, you get **672239**, and if you desaturate by 10%, it is **673647**.

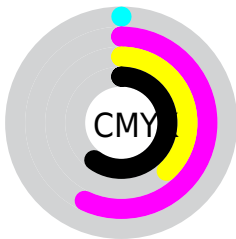
# Distribution



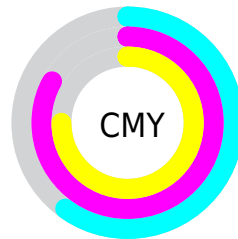
- Red (40%)
- Green (17%)
- Blue (25%)



- Red (40%)
- Yellow (17%)
- Blue (25%)



- Cyan (0%)
- Magenta (57%)
- Yellow (38%)
- Black (60%)



- Cyan (60%)
- Magenta (83%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 672C40 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 672C40 by changing the saturation by 10% instead.



 672C40

 672C40

FFFFFF

 4D142A

 9C5C70

 350016

 B87589

 1D0001

 D48FA3

 000000

 F1AABE

 FFC6DA

 FFE2F6

 672C40

 672C40

 672239

 673647

671732

67414E

670D2C

674B54

670325

67555B

670023

676062

676A69

677470

677E76

67897D

# Harmonies

## Analogous

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



5B3155



672C40



672F2A

# Triad

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



672C40



354518



004766

# Complementary

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



672C40



2C6753

# 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.



004A55



672C40



164929

# Square

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



672C40



4B3F11



004A3F



10426C

# Rectangle

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



672C40



61341E



004A3F



004961



# Sweetspot

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



672C40



877078



522C67



45373C



C4C4C4



454545



# Same Dimension

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



672C40



872A4A



67352C



332E30



730027



F20052



# Inverse Universe

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



672C40



872A4A



2C5E67



332E30



730027

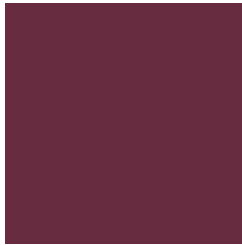


F20052



# Previews

## White Background



This preview shows how the Hex color 672C40 looks on a white background.

## Color Contrast Check

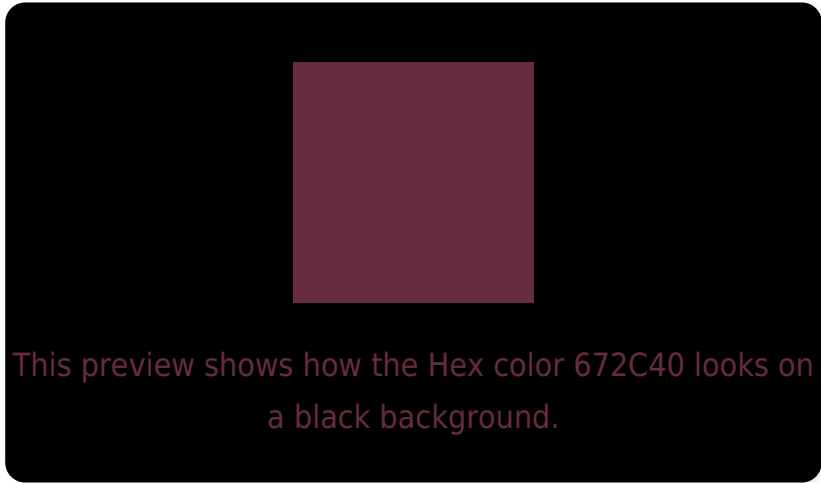
Large Text (above 18pt) WCAG AA ✓ Pass

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

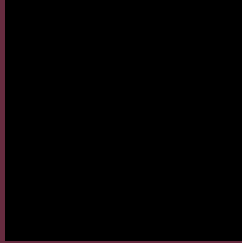
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 672C40 Background



This preview shows how black text looks on a background with the Hex color 672C40.



This preview shows how white text looks on a background with the Hex color 672C40.

# 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**  
672C40

**Protanopia**  
3E404C

**Deuteranopia**  
483E3D



**Tritanopia**  
662F32

# Trichromacy



**Original Color**  
672C40

**Protanomaly**  
4D3948

**Deuteranomaly**  
53373E

**Tritanomaly**  
662E37

# Monochromacy



**Original Color**  
672C40

**Achromatopsia**  
404040

**Achromatomaly**  
4E3940

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 672C40 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 #672C40 looks like.

```
.text, #text, p{  
    color:#672C40  
}
```

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 #672C40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #672C40
}
```

## Border

The CSS property to change the border of an element to Hex 672C40 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".

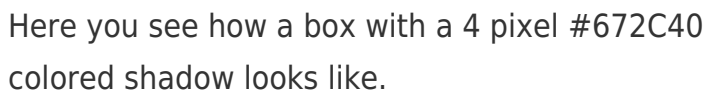
```
.border, #border, table{ border:4px solid
#672C40 }
```

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

```
.border{ border-color:#672C40 }
```

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

Here you see how a box with a 4 pixel #672C40 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 #672C40 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #672C40; -webkit-box-shadow:4px 4px  
4px 4px #672C40; box-shadow:4px 4px 4px  
4px #672C40 }
```

# Background

The CSS property to change the background color of an element to Hex 672C40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#672C40 }
```

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

```
.background{ background-color:#672C40 }
```

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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