

# Converting Colors

Hex(672D41)

Have a look what the booklet for  
Hex(672D41) contains.

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# Color

**Hex(672D41)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	672D41
RGB	103, 45, 65
RGB Percent	40%, 18%, 25%
CMY	0.5961, 0.8235, 0.7451
CMYK	0.00, 0.56, 0.37, 0.60
HSL	339°, 39%, 29%
HSV	339°, 56%, 40%
XYZ	7.4860, 5.1420, 5.5990
YIQ	64.6220, 28.1480, 18.5160

# Conversions

## Conversions Part 2

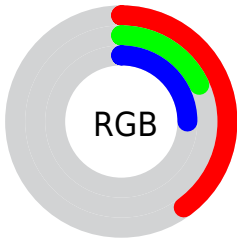
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 45, 65
Decimal	6761793
CIE Lab	27.14, 28.40, -0.00
CIE LCh	27, 28.397, 359.998
Yxy	5.1420, 0.4107, 0.2821
Android (android.graphics.Color)	4284951873 (0xFF672D41)
YUV	64.6220, 0.1864, 33.6575
Hunter-Lab	22.6760, 19.2455, 1.2337




# Details

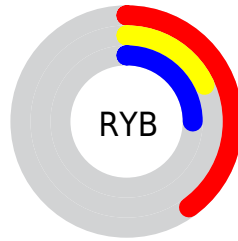
The Hex color **672D41** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2D6753**, and the grayscale version is **414141**.




A 20% lighter version of the original color is **9C5D71**, and **350017** is the 20% darker color. If you saturate the color by 10%, you get **67233A**, and if you desaturate by 10%, it is **673748**.

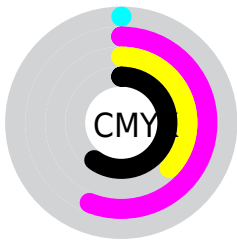
# Distribution







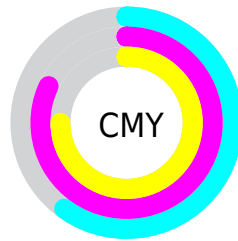
-  Red (40%)
-  Green (18%)
-  Blue (25%)






-  Red (40%)
-  Yellow (18%)
-  Blue (25%)



-  Cyan (0%)
-  Magenta (56%)
-  Yellow (37%)
-  Black (60%)



-  Cyan (60%)
-  Magenta (82%)
-  Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 672D41 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 672D41 by changing the saturation by 10% instead.



672D41

672D41

FFFFFF

4E162B

9C5D71

350017

B8768A

1E0001

D490A4

000000

F1ABBF

FFC7DB

FFE3F8

672D41

672D41

67233A

673748

671834

67424E

670E2D

674C55

670426

67565C

670024

676163

676B69

677570

677F77

678A7E

# Harmonies

## Analogous

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



5B3256



672D41



672F2C

# Triad

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



672D41



364518



004865

# Complementary

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



672D41



2D6753

# 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.



004B55



672D41



194929

# Square

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



672D41



4C3F12



004B3F



11426B

# Rectangle

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



672D41



613420



004B3F



004961



# Sweetspot

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



672D41



877078



532D67



45373C



C4C4C4



454545



# Same Dimension

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



672D41



872B4B



67362D



332E30



730028



F20054



# Inverse Universe

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



672D41



872B4B



2D5E67



332E30



730028

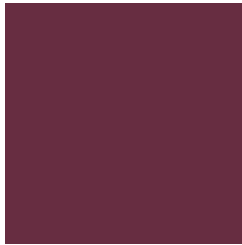


F20054



# Previews

## White Background



This preview shows how the Hex color 672D41 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

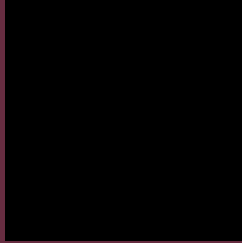
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 672D41 Background



This preview shows how black text looks on a background with the Hex color 672D41.



This preview shows how white text looks on a background with the Hex color 672D41.

# 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**  
672D41

**Protanopia**  
3E404D

**Deuteranopia**  
483F3E



**Tritanopia**  
663033

# Trichromacy



**Original Color**  
672D41

**Protanomaly**  
4D3949

**Deuteranomaly**  
53383F

**Tritanomaly**  
662F38

# Monochromacy



**Original Color**  
672D41

**Achromatopsia**  
414141

**Achromatomaly**  
4F3A41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 672D41 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 #672D41 looks like.

```
.text, #text, p{  
    color:#672D41  
}
```

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 #672D41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #672D41
}
```

## Border

The CSS property to change the border of an element to Hex 672D41 is called "border". The border property can be set on classes, ids or directly on the HTML element.

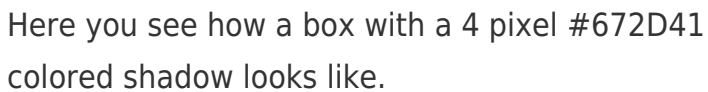
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#672D41 }
```

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

```
.border{ border-color:#672D41 }
```

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



Here you see how a box with a 4 pixel #672D41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #672D41; -webkit-box-shadow:4px 4px  
4px 4px #672D41; box-shadow:4px 4px 4px  
4px #672D41 }
```

# Background

The CSS property to change the background color of an element to Hex 672D41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#672D41 }
```

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

```
.background{ background-color:#672D41 }
```

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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