

Converting Colors

Hex(672E4A)

Have a look what the booklet for
Hex(672E4A) contains.

Hex(672E4A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(672E4A)

Conversions

Conversions Part 1

Format	Color
Hex	672E4A
RGB	103, 46, 74
RGB Percent	40%, 18%, 29%
CMY	0.5961, 0.8196, 0.7098
CMYK	0.00, 0.55, 0.28, 0.60
HSL	331°, 38%, 29%
HSV	331°, 55%, 40%
XYZ	7.8065, 5.3320, 7.0963
YIQ	66.2350, 24.9840, 20.7920

Conversions

Conversions Part 2

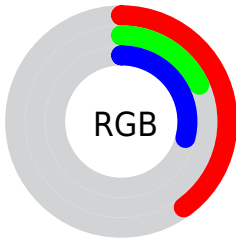
Format	Color
RYB	103, 46, 74
Decimal	6762058
CIELab	27.66, 29.15, -5.21
CIELCh	28, 29.613, 349.868
Yxy	5.3320, 0.3858, 0.2635
Android (android.graphics.Color)	4284952138 (0xFF672E4A)
YUV	66.2350, 3.8281, 32.2429
Hunter-Lab	23.0911, 19.9373, -2.0571

Details

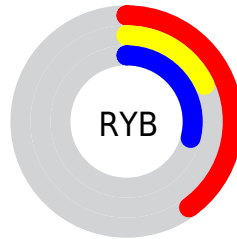
The Hex color **672E4A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2E674B**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **9C5E7B**, and **35001E** is the 20% darker color. If you saturate the color by 10%, you get **672445**, and if you desaturate by 10%, it is **67384F**.

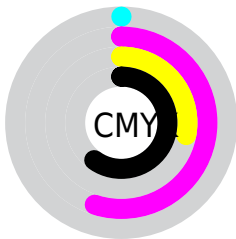
Distribution



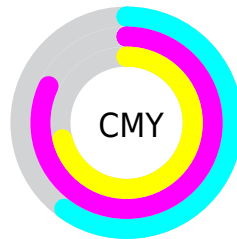
- Red (40%)
- Green (18%)
- Blue (29%)



- Red (40%)
- Yellow (18%)
- Blue (29%)



- Cyan (0%)
- Magenta (55%)
- Yellow (28%)
- Black (60%)



- Cyan (60%)
- Magenta (82%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 672E4A 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 672E4A by changing the saturation by 10% instead.

672E4A

672E4A

FFFFFF

4E1633

9C5E7B

35001E

B77894

200004

D492AF

000000

F0ADCA

FFC8E7

FFE5FF

672E4A

672E4A

672445

67384F

671940

674354

670F3A

674D5A

670535

67575F

670033

676264

676C69

67766F

678074

678B79

Harmonies

Analogous

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



55355F



672E4A



6B2E33

Triad

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



672E4A



3F4514



004B64

Complementary

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



672E4A



2E674B

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.



004C50



672E4A



244A23

Square

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



672E4A



543D13



004C39



00466E

Rectangle

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



672E4A



683225



004C39



004C5E

Sweetspot

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



672E4A



87707B



4B2E67



45373E



C4C4C4



454545

Same Dimension

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



672E4A



872E5A



672E2E



332E30



730038



F20077

Inverse Universe

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



672E4A



872E5A



2E6767



332E30



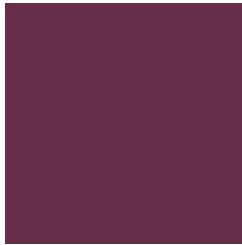
730038



F20077

Previews

White Background



This preview shows how the Hex color 672E4A 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

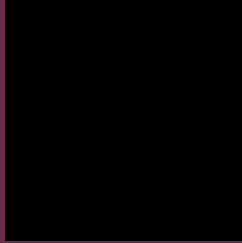
Any Text WCAG AA × Fail

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 672E4A Background



This preview shows how black text looks on a background with the Hex color 672E4A.



This preview shows how white text looks on a background with the Hex color 672E4A.

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
672E4A

Protanopia
3C4157

Deuteranopia
464047



Tritanopia
653236

Trichromacy



Original Color
672E4A

Protanomaly
4C3A52

Deuteranomaly
523948

Tritanomaly
66313D

Monochromacy



Original Color
672E4A

Achromatopsia
424242

Achromatomaly
4F3B45

CSS Examples

Text

The CSS property to change the color of the text to Hex 672E4A 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 #672E4A looks like.

```
.text, #text, p{  
    color:#672E4A  
}
```

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 #672E4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #672E4A
}
```

Border

The CSS property to change the border of an element to Hex 672E4A is called "border". The border property can be set on classes, ids or directly on the HTML element.

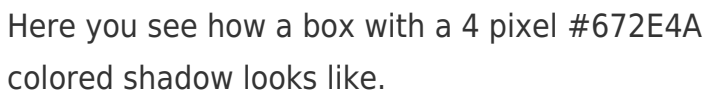
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#672E4A }
```

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

```
.border{ border-color:#672E4A }
```

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



Here you see how a box with a 4 pixel #672E4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #672E4A; -webkit-box-shadow:4px 4px  
4px 4px #672E4A; box-shadow:4px 4px 4px  
4px #672E4A }
```

Background

The CSS property to change the background color of an element to Hex 672E4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#672E4A }
```

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

```
.background{ background-color:#672E4A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor