

Converting Colors

Hex(642C3C)

Have a look what the booklet for
Hex(642C3C) contains.

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Color

Hex(642C3C)

Conversions

Conversions Part 1

Format	Color
Hex	642C3C
RGB	100, 44, 60
RGB Percent	39%, 17%, 24%
CMY	0.6078, 0.8275, 0.7647
CMYK	0.00, 0.56, 0.40, 0.61
HSL	343°, 39%, 28%
HSV	343°, 56%, 39%
XYZ	6.9718, 4.8369, 4.8411
YIQ	62.5680, 28.2400, 16.8480

Conversions

Conversions Part 2

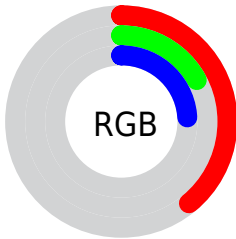
Format	Color
R_{YB}	100, 44, 60
Decimal	6564924
CIE Lab	26.27, 27.12, 2.02
CIE LCh	26, 27.200, 4.254
Yxy	4.8369, 0.4187, 0.2905
Android (android.graphics.Color)	4284755004 (0xFF642C3C)
YUV	62.5680, -1.2660, 32.8279
Hunter-Lab	21.9930, 18.0970, 2.3441

Details

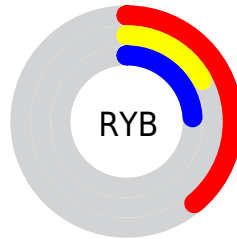
The Hex color **642C3C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2C6454**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **995C6B**, and **320012** is the 20% darker color. If you saturate the color by 10%, you get **642235**, and if you desaturate by 10%, it is **643643**.

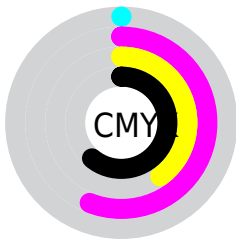
Distribution



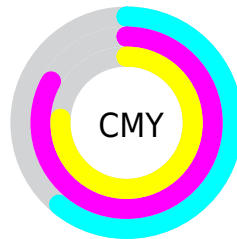
- Red (39%)
- Green (17%)
- Blue (24%)



- Red (39%)
- Yellow (17%)
- Blue (24%)



- Cyan (0%)
- Magenta (56%)
- Yellow (40%)
- Black (61%)



- Cyan (61%)
- Magenta (83%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 642C3C 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 642C3C by changing the saturation by 10% instead.

 642C3C

 642C3C

FFFFFF

 4B1526

 995C6B

 320012

 B57584

 170000

 D18F9E

 000000

 EEAAB9

 FFC5D5

 FFE2F1

FFFEFF

 642C3C

 642C3C

■ 642235

■ 643643

■ 64182E

■ 64404A

■ 640E27

■ 644A51

■ 64041F

■ 645459

■ 64001D

■ 645E60

■ 646867

■ 64726E

■ 647C75

■ 64867C

Harmonies

Analogous

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



5A3050



642C3C



632F28

Triad

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



642C3C



32441A



004563

Complementary

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



642C3C



2C6454

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.



004855



642C3C



14472B

Square

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



642C3C



473E13



004841



1C3F67

Rectangle

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



642C3C



5C341D



004841



00465F

Sweetspot

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



642C3C



826C72



532C64



423539



C2C2C2



424242

Same Dimension

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



642C3C



822B44



64372C



332E2F



730021



F20045

Inverse Universe

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



642C3C



822B44



2C5964



332E2F



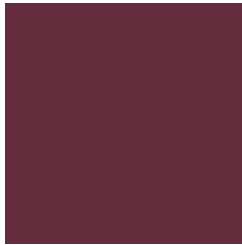
730021



F20045

Previews

White Background



This preview shows how the Hex color 642C3C looks on a white background.

Color Contrast Check

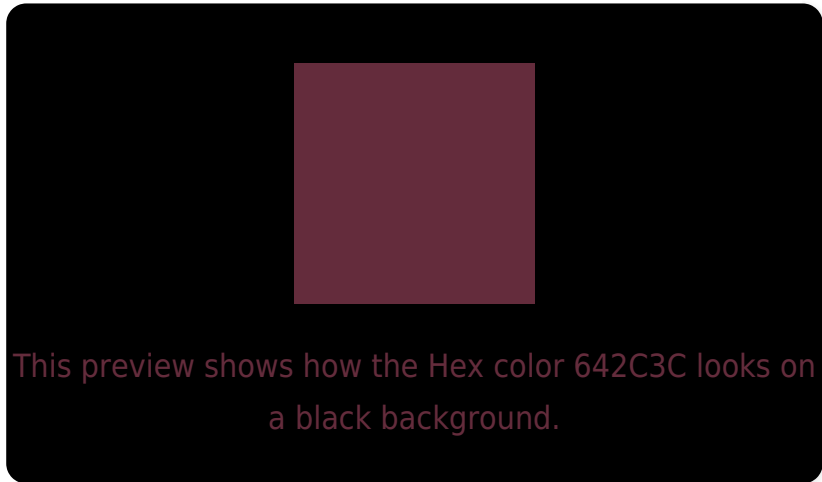
Large Text (above 18pt) WCAG AA ✓ Pass

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

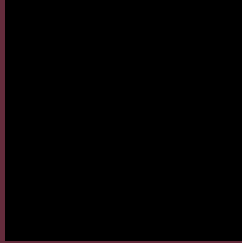
Any Text WCAG AA × Fail

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 642C3C Background



This preview shows how black text looks on a background with the Hex color 642C3C.



This preview shows how white text looks on a background with the Hex color 642C3C.

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
642C3C

Protanopia
3E3E47

Deuteranopia
473D39



Tritanopia
632E31

Trichromacy



Original Color
642C3C

Protanomaly
4C3743

Deuteranomaly
52373A

Tritanomaly
632D35

Monochromacy



Original Color
642C3C

Achromatopsia
3F3F3F

Achromatomaly
4C383E

CSS Examples

Text

The CSS property to change the color of the text to Hex 642C3C 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 #642C3C looks like.

```
.text, #text, p{  
    color:#642C3C  
}
```

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 #642C3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #642C3C }  
}
```

Border

The CSS property to change the border of an element to Hex 642C3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

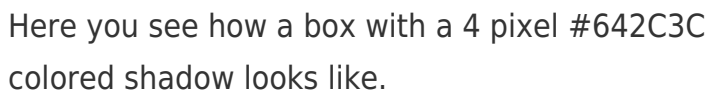
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #642C3C }  
}
```

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

```
.border{ border-color:#642C3C }
```

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



Here you see how a box with a 4 pixel #642C3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #642C3C; -webkit-box-shadow:4px 4px  
4px 4px #642C3C; box-shadow:4px 4px 4px  
4px #642C3C }
```

Background

The CSS property to change the background color of an element to Hex 642C3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#642C3C }
```

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

```
.background{ background-color:#642C3C }
```

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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