

Converting Colors

Hex(642F28)

Have a look what the booklet for
Hex(642F28) contains.

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Color

Hex(642F28)

Conversions

Conversions Part 1

Format	Color
Hex	642F28
RGB	100, 47, 40
RGB Percent	39%, 18%, 16%
CMY	0.6078, 0.8157, 0.8431
CMYK	0.00, 0.53, 0.60, 0.61
HSL	7°, 43%, 27%
HSV	7°, 60%, 39%
XYZ	6.6550, 4.8956, 2.6017
YIQ	62.0490, 33.8350, 9.0590

Conversions

Conversions Part 2

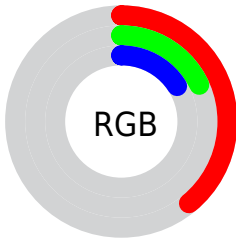
Format	Color
RYB	100, 48, 40
Decimal	6565672
CIELab	26.44, 23.17, 15.56
CIELCh	26, 27.911, 33.879
Yxy	4.8956, 0.4702, 0.3459
Android (android.graphics.Color)	4284755752 (0xFF642F28)
YUV	62.0490, -10.8702, 33.2830
Hunter-Lab	22.1259, 14.9690, 8.5166

Details

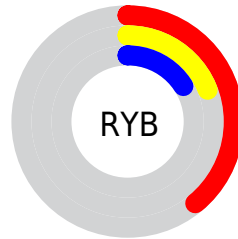
The Hex color **642F28** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **285D64**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **9A5E55**, and **320200** is the 20% darker color. If you saturate the color by 10%, you get **64261E**, and if you desaturate by 10%, it is **643832**.

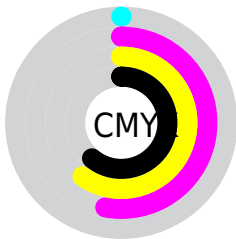
Distribution



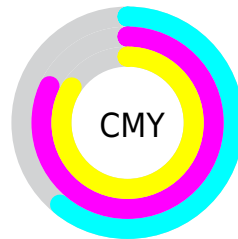
- Red (39%)
- Green (18%)
- Blue (16%)



- Red (39%)
- Yellow (19%)
- Blue (16%)



- Cyan (0%)
- Magenta (53%)
- Yellow (60%)
- Black (61%)



- Cyan (61%)
- Magenta (82%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 642F28 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 642F28 by changing the saturation by 10% instead.



642F28



642F28

FFFFFF



4A1914



9A5E55



320200



B6786D



120000



D29187



000000



EFACA1



FFC8BC



FFE4D8



FFFFF4



642F28



642F28

■ 64261E

■ 643832

■ 641D14

■ 64413C

■ 64140A

■ 644A46

■ 640C00

■ 645250

■ 645B5A

■ 646464

■ 646D6E

■ 647678

■ 647F82

Harmonies

Analogous

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



652C3D



642F28



593718

Triad

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



642F28



13482B



1A4069

Complementary

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



642F28



285D64

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.



004664



642F28



004941

Square

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



642F28



324419



004956



433862

Rectangle

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



642F28



4E3C12



004956



004269

Sweetspot

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



642F28



826D6B



64285D



423534



C2C2C2



424242

Same Dimension

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



642F28



822F24



644D28



332E2E



730D00



F21C00

Inverse Universe

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



285D64



247782



283F64



2E3233



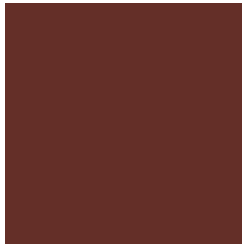
006573



00D6F2

Previews

White Background



This preview shows how the Hex color 642F28 looks on a white background.

Color Contrast Check

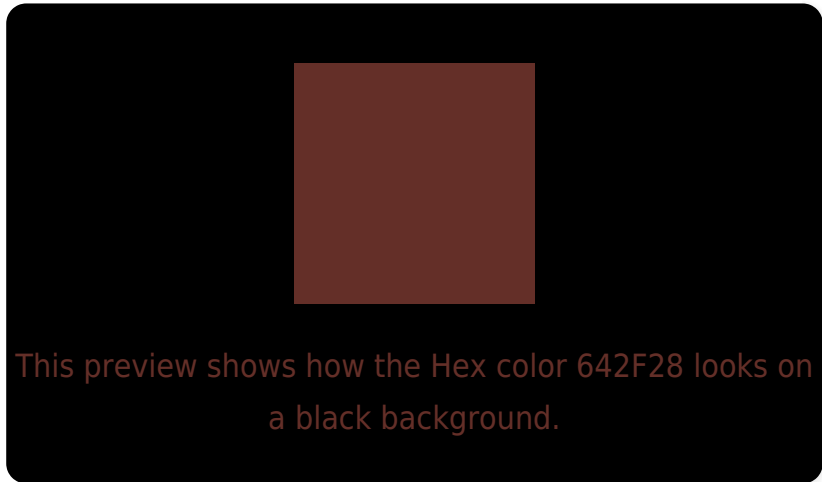
Large Text (above 18pt) WCAG AA ✓ Pass

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

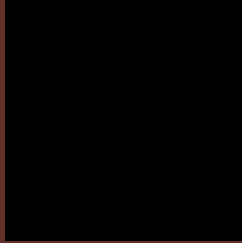
Any Text WCAG AA × Fail

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 642F28 Background



This preview shows how black text looks on a background with the Hex color 642F28.

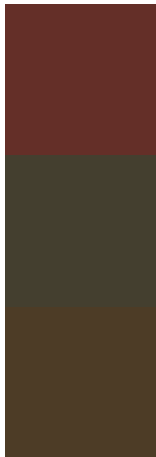


This preview shows how white text looks on a background with the Hex color 642F28.

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
642F28

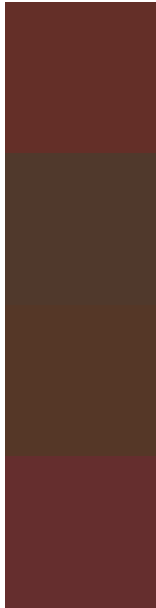
Protanopia
443F2F

Deuteranopia
4D3C26



Tritanopia
652E31

Trichromacy



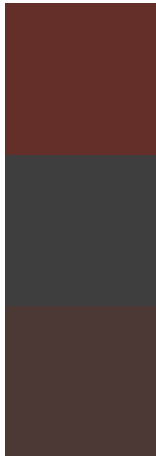
Original Color
642F28

Protanomaly
50392C

Deuteranomaly
553727

Tritanomaly
652E2E

Monochromacy



Original Color
642F28

Achromatopsia
3E3E3E

Achromatomaly
4C3936

CSS Examples

Text

The CSS property to change the color of the text to Hex 642F28 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 #642F28 looks like.

```
.text, #text, p{  
    color:#642F28  
}
```

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 #642F28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #642F28
}
```

Border

The CSS property to change the border of an element to Hex 642F28 is called "border". The border property can be set on classes, ids or directly on the HTML element.

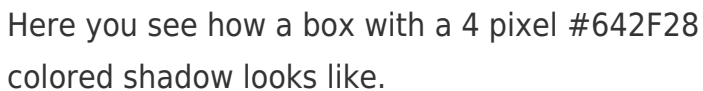
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#642F28 }
```

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

```
.border{ border-color:#642F28 }
```

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



Here you see how a box with a 4 pixel #642F28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #642F28; -webkit-box-shadow:4px 4px  
4px 4px #642F28; box-shadow:4px 4px 4px  
4px #642F28 }
```

Background

The CSS property to change the background color of an element to Hex 642F28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#642F28 }
```

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

```
.background{ background-color:#642F28 }
```

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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