

Converting Colors

Hex(642F1C)

Have a look what the booklet for
Hex(642F1C) contains.

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Color

Hex(642F1C)

Conversions

Conversions Part 1

Format	Color
Hex	642F1C
RGB	100, 47, 28
RGB Percent	39%, 18%, 11%
CMY	0.6078, 0.8157, 0.8902
CMYK	0.00, 0.53, 0.72, 0.61
HSL	16°, 56%, 25%
HSV	16°, 72%, 39%
XYZ	6.4816, 4.8262, 1.6885
YIQ	60.6810, 37.6870, 5.3270

Conversions

Conversions Part 2

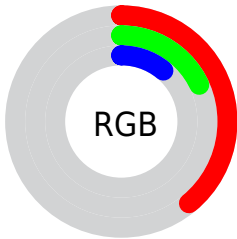
Format	Color
R_{YB}	100, 54, 28
Decimal	6565660
CIE _{Lab}	26.23, 22.23, 22.94
CIE _{LCh}	26, 31.949, 45.897
Yxy	4.8262, 0.4987, 0.3713
Android (android.graphics.Color)	4284755740 (0xFF642F1C)
YUV	60.6810, -16.1117, 34.4828
Hunter-Lab	21.9686, 14.2198, 10.8209

Details

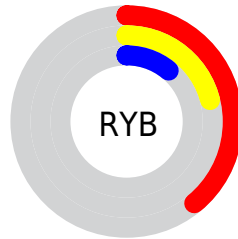
The Hex color **642F1C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1C5164**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **9B5E48**, and **300300** is the 20% darker color. If you saturate the color by 10%, you get **642812**, and if you desaturate by 10%, it is **643626**.

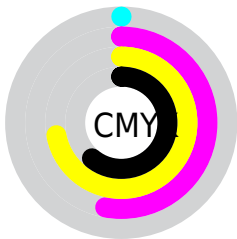
Distribution



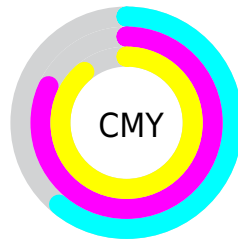
- Red (39%)
- Green (18%)
- Blue (11%)



- Red (39%)
- Yellow (21%)
- Blue (11%)



- Cyan (0%)
- Magenta (53%)
- Yellow (72%)
- Black (61%)



- Cyan (61%)
- Magenta (82%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 642F1C 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 642F1C by changing the saturation by 10% instead.

 642F1C

 642F1C

FFFFFF

 4A1904

 9B5E48

 300300

 B77760

 0F0000

 D49179

 000000

 F1AC93

 FFC7AE

 FFE4C9

 FFFF E5

 642F1C

 642F1C

■ 642812

■ 643626

■ 642008

■ 643E30

■ 641A00

■ 64453A

■ 644C44

■ 64544E

■ 645B58

■ 646362

■ 646A6C

■ 647176

Harmonies

Analogous

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



6A2832



642F1C



54390C

Triad

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



642F1C



004931



283C6D

Complementary

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



642F1C



1C5164

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.



00446D



642F1C



004A4B

Square

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



642F1C



22461A



004860



503260

Rectangle

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



642F1C



463E08



004860



103F6F

Sweetspot

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



642F1C



826D65



641C52



423631



C2C2C2



424242

Same Dimension

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



642F1C



823012



64521C



332F2E



731E00



F24000

Inverse Universe

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



1C5164



126582



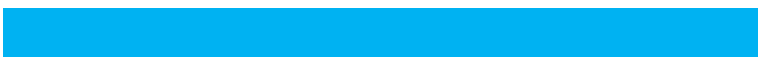
1C2E64



2E3233



005473



00B2F2

Previews

White Background



This preview shows how the Hex color 642F1C looks on a white background.

Color Contrast Check

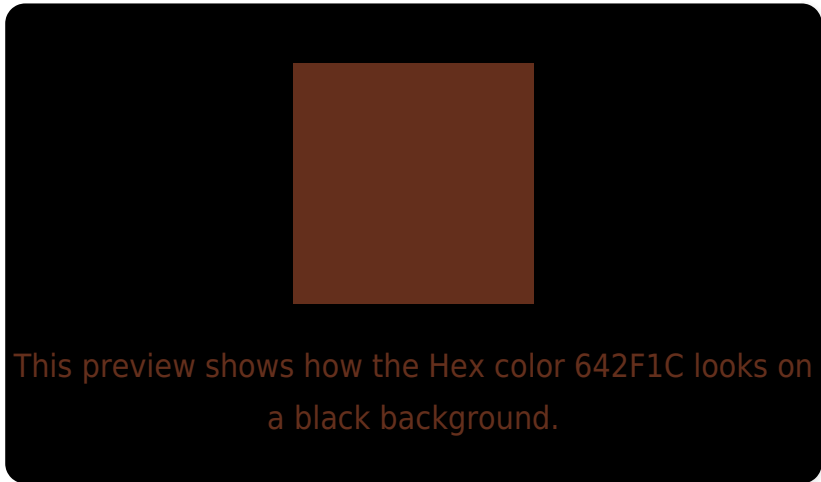
Large Text (above 18pt) WCAG AA ✓ Pass

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 642F1C Background



This preview shows how black text looks on a background with the Hex color 642F1C.

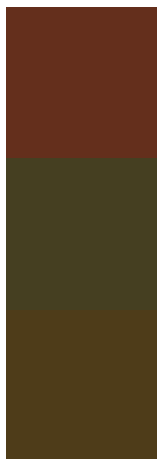


This preview shows how white text looks on a background with the Hex color 642F1C.

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
642F1C

Protanopia
453F21

Deuteranopia
4E3C19



Tritanopia
652D30

Trichromacy



Original Color
642F1C

Protanomaly
50391F

Deuteranomaly
56371A

Tritanomaly
652E29

Monochromacy



Original Color
642F1C

Achromatopsia
3D3D3D

Achromatomaly
4B3831

CSS Examples

Text

The CSS property to change the color of the text to Hex 642F1C 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 #642F1C looks like.

```
.text, #text, p{  
    color:#642F1C  
}
```

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 #642F1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #642F1C
}
```

Border

The CSS property to change the border of an element to Hex 642F1C is called "border". The border property can be set on classes, ids or directly on the HTML element.

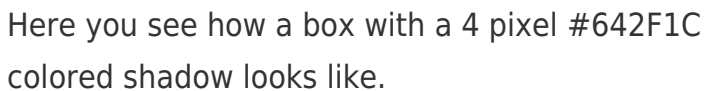
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#642F1C }
```

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

```
.border{ border-color:#642F1C }
```

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



Here you see how a box with a 4 pixel #642F1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #642F1C; -webkit-box-shadow:4px 4px  
4px 4px #642F1C; box-shadow:4px 4px 4px  
4px #642F1C }
```

Background

The CSS property to change the background color of an element to Hex 642F1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#642F1C }
```

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

```
.background{ background-color:#642F1C }
```

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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