

Converting Colors

Hex(642811)

Have a look what the booklet for
Hex(642811) contains.

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Color

Hex(642811)

Conversions

Conversions Part 1

Format	Color
Hex	642811
RGB	100, 40, 17
RGB Percent	39%, 16%, 7%
CMY	0.6078, 0.8431, 0.9333
CMYK	0.00, 0.60, 0.83, 0.61
HSL	17°, 71%, 23%
HSV	17°, 83%, 39%
XYZ	6.1155, 4.2674, 1.0317
YIQ	55.3180, 43.1430, 5.5670

Conversions

Conversions Part 2

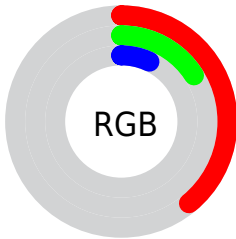
Format	Color
R_{YB}	100, 49, 17
Decimal	6563857
CIE Lab	24.54, 25.63, 27.57
CIE LCh	25, 37.642, 47.088
Yxy	4.2674, 0.5358, 0.3739
Android (android.graphics.Color)	4284753937 (0xFF642811)
YUV	55.3180, -18.8908, 39.1861
Hunter-Lab	20.6576, 16.6924, 11.4993

Details

The Hex color **642811** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **114D64**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **9C573D**, and **2F0000** is the 20% darker color. If you saturate the color by 10%, you get **642107**, and if you desaturate by 10%, it is **642F1B**.

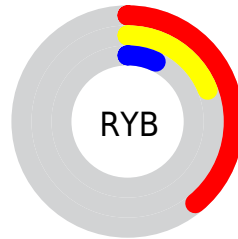
Distribution



Red (39%)

Green (16%)

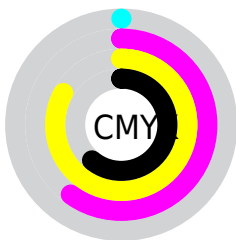
Blue (7%)



Red (39%)

Yellow (19%)

Blue (7%)

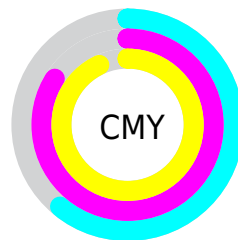


Cyan (0%)

Magenta (60%)

Yellow (83%)

Black (61%)



Cyan (61%)

Magenta (84%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 642811 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 642811 by changing the saturation by 10% instead.

 642811

 642811

 FFFFF4

 4A1100

 9C573D

 2F0000

 B87054

 050000

 D58A6D

 000000

 F3A586

 FFC0A0

 FFDCBC

 FFF9D7

 642811

 642811

■ 642107

■ 642F1B

■ 641C00

■ 643625

■ 643E2F

■ 644539

■ 644C43

■ 64534D

■ 645B57

■ 646261

■ 64696B

Harmonies

Analogous

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



6C1D2B



642811



523400

Triad

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



642811



00462D



1C3871

Complementary

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



642811



114D64

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.



004172



642811



00474A

Square

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



642811



144410



004663



502B61

Rectangle

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



642811



423B00



004663



003C73

Sweetspot

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



642811



826B62



64114E



42342E



C2C2C2



424242

Same Dimension

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



642811



822400



645111



332F2E



732000



F24300

Inverse Universe

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



114D64



005E82



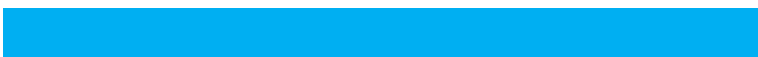
112464



2E3233



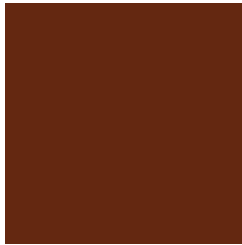
005373



00AFF2

Previews

White Background



This preview shows how the Hex color 642811 looks on a white background.

Color Contrast Check

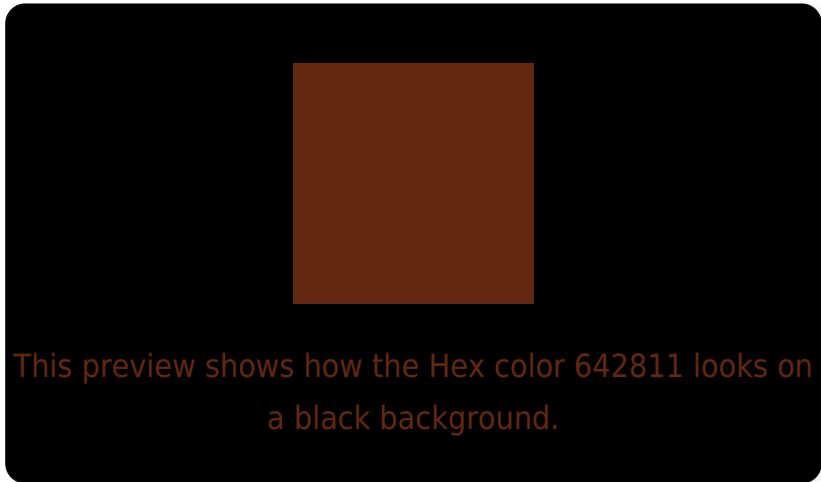
Large Text (above 18pt) WCAG AA ✓ Pass

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

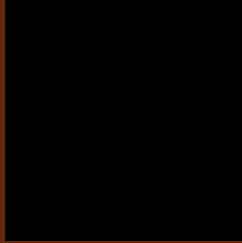
Any Text WCAG AA × Fail

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 642811 Background



This preview shows how black text looks on a background with the Hex color 642811.



This preview shows how white text looks on a background with the Hex color 642811.

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
642811

Protanopia
423B16

Deuteranopia
4B380A



Tritanopia
652628

Trichromacy



Original Color
642811

Protanomaly
4E3414

Deuteranomaly
54320D

Tritanomaly
652720

Monochromacy



Original Color
642811

Achromatopsia
373737

Achromatomaly
473229

CSS Examples

Text

The CSS property to change the color of the text to Hex 642811 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 #642811 looks like.

```
.text, #text, p{  
    color:#642811  
}
```

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 #642811 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #642811
}
```

Border

The CSS property to change the border of an element to Hex 642811 is called "border". The border property can be set on classes, ids or directly on the HTML element.

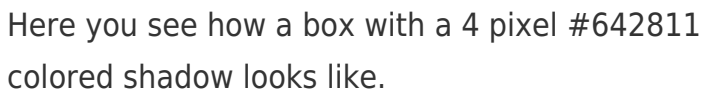
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#642811 }
```

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

```
.border{ border-color:#642811 }
```

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



Here you see how a box with a 4 pixel #642811 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #642811; -webkit-box-shadow:4px 4px  
4px 4px #642811; box-shadow:4px 4px 4px  
4px #642811 }
```

Background

The CSS property to change the background color of an element to Hex 642811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#642811 }
```

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

```
.background{ background-color:#642811 }
```

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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