

Converting Colors

Hex(642E25)

Have a look what the booklet for
Hex(642E25) contains.

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Color

Hex(642E25)

Conversions

Conversions Part 1

Format	Color
Hex	642E25
RGB	100, 46, 37
RGB Percent	39%, 18%, 15%
CMY	0.6078, 0.8196, 0.8549
CMYK	0.00, 0.54, 0.63, 0.61
HSL	9°, 46%, 27%
HSV	9°, 63%, 39%
XYZ	6.5665, 4.7969, 2.3301
YIQ	61.1200, 35.0730, 8.6490

Conversions

Conversions Part 2

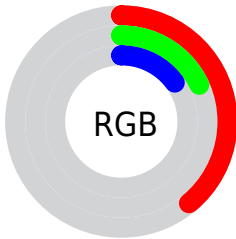
Format	Color
R_{YB}	100, 48, 37
Decimal	6565413
CIE _{Lab}	26.15, 23.49, 17.14
CIE _{LCh}	26, 29.081, 36.120
Yxy	4.7969, 0.4795, 0.3503
Android (android.graphics.Color)	4284755493 (0xFF642E25)
YUV	61.1200, -11.8912, 34.0978
Hunter-Lab	21.9018, 15.1886, 9.0236

Details

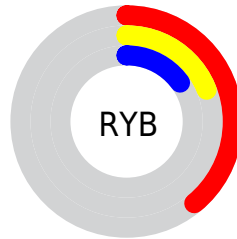
The Hex color **642E25** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **255B64**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **9A5D52**, and **310100** is the 20% darker color. If you saturate the color by 10%, you get **64251B**, and if you desaturate by 10%, it is **64372F**.

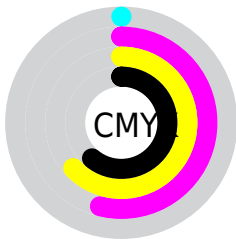
Distribution



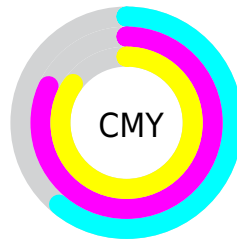
- Red (39%)
- Green (18%)
- Blue (15%)



- Red (39%)
- Yellow (19%)
- Blue (15%)



- Cyan (0%)
- Magenta (54%)
- Yellow (63%)
- Black (61%)



- Cyan (61%)
- Magenta (82%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 642E25 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 642E25 by changing the saturation by 10% instead.

 642E25

 642E25

FFFFFF

 4A1810

 9A5D52

 310100

 B6766A

 110000

 D39083

 000000

 F0AB9D

 FFC7B8

 FFE3D4

 FFFFF0

 642E25

 642E25

■ 64251B

■ 64372F

■ 641D11

■ 643F39

■ 641407

■ 644843

■ 640E00

■ 64504D

■ 645957

■ 646161

■ 646A6B

■ 647375

■ 647B7F

Harmonies

Analogous

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



662A3A



642E25



583615

Triad

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



642E25



09472B



1A3F6A

Complementary

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



642E25



255B64

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.



004566



642E25



004942

Square

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



642E25



2F4418



004857



453662

Rectangle

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



642E25



4C3C0F



004857



00416A

Sweetspot

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



642E25



826D69



64255C



423533



C2C2C2



424242

Same Dimension

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



642E25



822D1F



644D25



332F2E



731000



F22300

Inverse Universe

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



255B64



1F7482



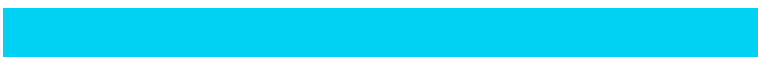
253C64



2E3233



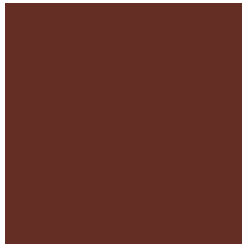
006273



00D0F2

Previews

White Background



This preview shows how the Hex color 642E25 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 642E25 Background



This preview shows how black text looks on a background with the Hex color 642E25.

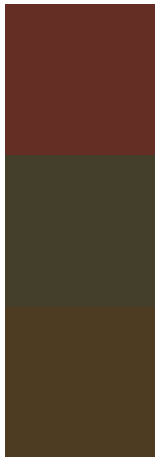


This preview shows how white text looks on a background with the Hex color 642E25.

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
642E25

Protanopia
443F2B

Deuteranopia
4D3C22



Tritanopia
652D30

Trichromacy



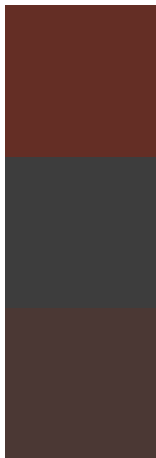
Original Color
642E25

Protanomaly
503929

Deuteranomaly
553723

Tritanomaly
652D2C

Monochromacy



Original Color
642E25

Achromatopsia
3D3D3D

Achromatomaly
4B3834

CSS Examples

Text

The CSS property to change the color of the text to Hex 642E25 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 #642E25 looks like.

```
.text, #text, p{  
    color:#642E25  
}
```

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 #642E25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #642E25
}
```

Border

The CSS property to change the border of an element to Hex 642E25 is called "border". The border property can be set on classes, ids or directly on the HTML element.

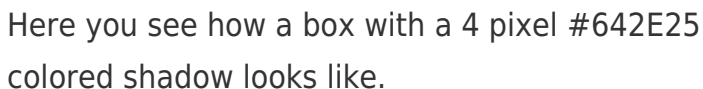
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#642E25 }
```

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

```
.border{ border-color:#642E25 }
```

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



Here you see how a box with a 4 pixel #642E25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #642E25; -webkit-box-shadow:4px 4px  
4px 4px #642E25; box-shadow:4px 4px 4px  
4px #642E25 }
```

Background

The CSS property to change the background color of an element to Hex 642E25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#642E25 }
```

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

```
.background{ background-color:#642E25 }
```

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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