

Converting Colors

Hex(642316)

Have a look what the booklet for
Hex(642316) contains.

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Color

Hex(642316)

Conversions

Conversions Part 1

Format	Color
Hex	642316
RGB	100, 35, 22
RGB Percent	39%, 14%, 9%
CMY	0.6078, 0.8627, 0.9137
CMYK	0.00, 0.65, 0.78, 0.61
HSL	10°, 64%, 24%
HSV	10°, 78%, 39%
XYZ	6.0014, 3.9693, 1.2089
YIQ	52.9530, 42.9130, 9.7370

Conversions

Conversions Part 2

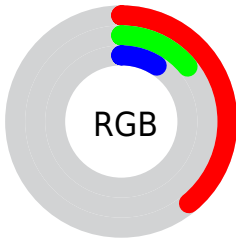
Format	Color
R_{YB}	100, 38, 22
Decimal	6562582
CIE _{Lab}	23.57, 28.54, 23.61
CIE _{LCh}	24, 37.039, 39.593
Yxy	3.9693, 0.5368, 0.3550
Android (android.graphics.Color)	4284752662 (0xFF642316)
YUV	52.9530, -15.2598, 41.2602
Hunter-Lab	19.9231, 18.9034, 10.3486

Details

The Hex color **642316** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **165764**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **9C5341**, and **300000** is the 20% darker color. If you saturate the color by 10%, you get **641B0C**, and if you desaturate by 10%, it is **642B20**.

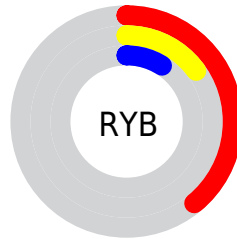
Distribution



Red (39%)

Green (14%)

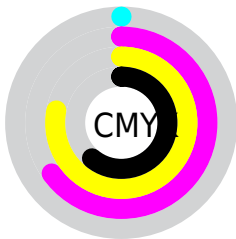
Blue (9%)



Red (39%)

Yellow (15%)

Blue (9%)

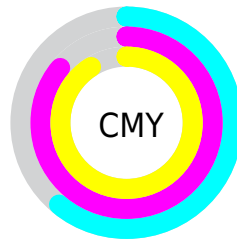


Cyan (0%)

Magenta (65%)

Yellow (78%)

Black (61%)



Cyan (61%)

Magenta (86%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 642316 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 642316 by changing the saturation by 10% instead.

 642316

 642316

 FFFFF9

 4A0A00

 9C5341

 300000

 B86C59

 020000

 D58571

 000000

 F3A08B

 FFBA5

 FFD7C1

 FFF4DD

 642316

 642316

■ 641B0C

■ 642B20

■ 641202

■ 64342A

■ 641100

■ 643C34

■ 64443E

■ 644D48

■ 645552

■ 645D5C

■ 646666

■ 646E70

Harmonies

Analogous

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



691A30



642316



543000

Triad

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



642316



004324



00396F

Complementary

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



642316



165764

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.



00406C



642316



004541

Square

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



642316



1E4007



00445B



442C63

Rectangle

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



642316



463700



00445B



003C70

Sweetspot

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



642316



826964



641657



423330



C2C2C2



424242

Same Dimension

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



642316



821C08



644A16



332F2E



731300



F22800

Inverse Universe

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



165764



086E82



163064



2E3233



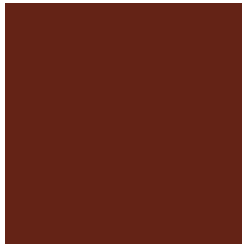
006073



00CAF2

Previews

White Background



This preview shows how the Hex color 642316 looks on a white background.

Color Contrast Check

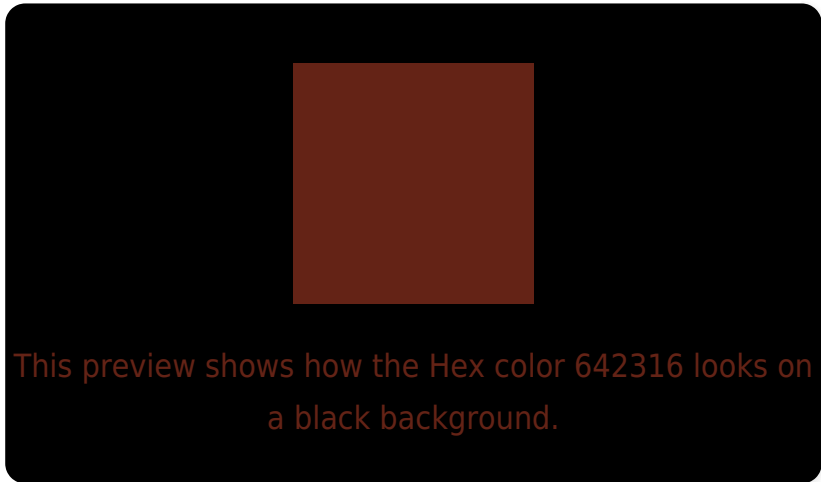
Large Text (above 18pt) WCAG AA ✓ Pass

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 642316 Background



This preview shows how black text looks on a background with the Hex color 642316.

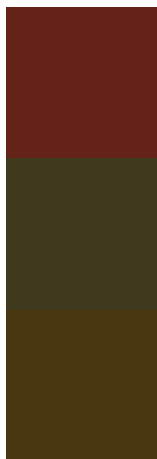


This preview shows how white text looks on a background with the Hex color 642316.

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
642316

Protanopia
3F391D

Deuteranopia
483611

Trichromacy



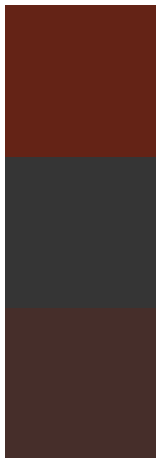
Original Color
642316

Protanomaly
4C311A

Deuteranomaly
522F13

Tritanomaly
64221E

Monochromacy



Original Color
642316

Achromatopsia
353535

Achromatomaly
462E2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 642316 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 #642316 looks like.

```
.text, #text, p{  
    color:#642316  
}
```

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 #642316 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #642316
}
```

Border

The CSS property to change the border of an element to Hex 642316 is called "border". The border property can be set on classes, ids or directly on the HTML element.

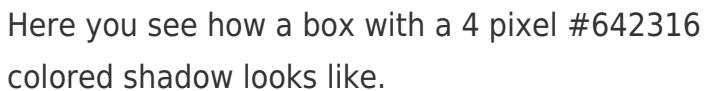
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#642316 }
```

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

```
.border{ border-color:#642316 }
```

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



Here you see how a box with a 4 pixel #642316 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #642316; -webkit-box-shadow:4px 4px  
4px 4px #642316; box-shadow:4px 4px 4px  
4px #642316 }
```

Background

The CSS property to change the background color of an element to Hex 642316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#642316 }
```

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

```
.background{ background-color:#642316 }
```

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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