

Converting Colors

Hex(642A36)

Have a look what the booklet for
Hex(642A36) contains.

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Color

Hex(642A36)

Conversions

Conversions Part 1

Format	Color
Hex	642A36
RGB	100, 42, 54
RGB Percent	39%, 16%, 21%
CMY	0.6078, 0.8353, 0.7882
CMYK	0.00, 0.58, 0.46, 0.61
HSL	348°, 41%, 28%
HSV	348°, 58%, 39%
XYZ	6.7493, 4.6316, 4.0283
YIQ	60.7100, 30.7160, 16.0280

Conversions

Conversions Part 2

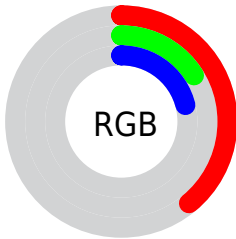
Format	Color
RYB	100, 42, 54
Decimal	6564406
CIELab	25.66, 27.49, 5.18
CIELCh	26, 27.974, 10.676
Yxy	4.6316, 0.4380, 0.3006
Android (android.graphics.Color)	4284754486 (0xFF642A36)
YUV	60.7100, -3.3080, 34.4573
Hunter-Lab	21.5211, 18.3182, 3.9670

Details

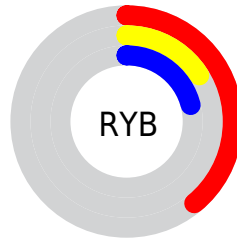
The Hex color **642A36** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2A6458**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **995A65**, and **320009** is the 20% darker color. If you saturate the color by 10%, you get **64202E**, and if you desaturate by 10%, it is **64343E**.

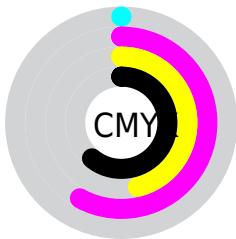
Distribution



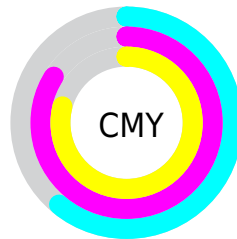
- Red (39%)
- Green (16%)
- Blue (21%)



- Red (39%)
- Yellow (16%)
- Blue (21%)



- Cyan (0%)
- Magenta (58%)
- Yellow (46%)
- Black (61%)



- Cyan (61%)
- Magenta (84%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 642A36 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 642A36 by changing the saturation by 10% instead.

642A36

642A36

FFFFFF

4A1321

995A65

320009

B5737D

140000

D18D97

000000

EEA8B2

FFC3CD

FFDFEA

FFFCFF

642A36

642A36

■ 64202E

■ 64343E

■ 641626

■ 643E46

■ 640C1E

■ 64484E

■ 640216

■ 645256

■ 640015

■ 645C5E

■ 646666

■ 64706E

■ 647A75

■ 64847D

Harmonies

Analogous

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



5C2C4B



642A36



602F22

Triad

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



642A36



2A431B



004365

Complementary

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



642A36



2A6458

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.



004658



642A36



02462E

Square

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



642A36



413E10



004744



243D66

Rectangle

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



642A36



593418



004744



004461

Sweetspot

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



642A36



826C71



572A64



423538



C2C2C2



424242

Same Dimension

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



642A36



82273A



643A2A



332E2F



730018



F20032

Inverse Universe

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



642A36



82273A



2A5464



332E2F



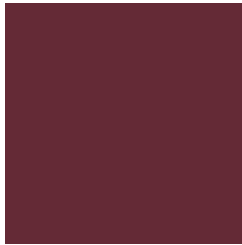
730018



F20032

Previews

White Background



This preview shows how the Hex color 642A36 looks on a white background.

Color Contrast Check

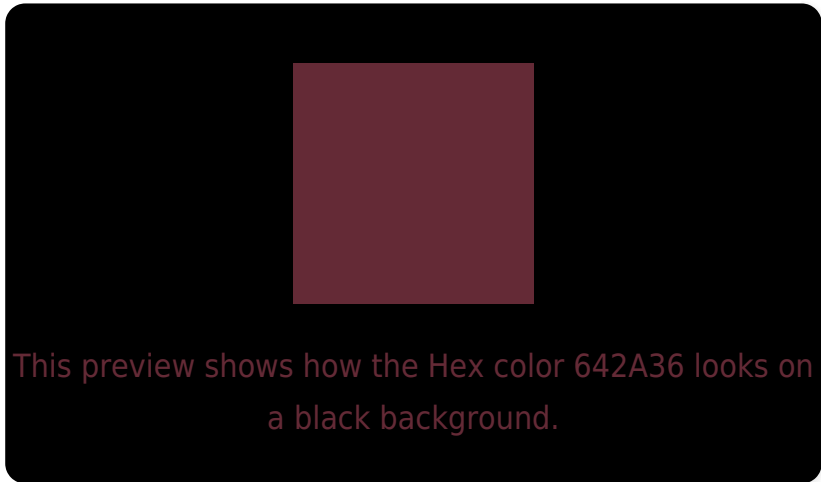
Large Text (above 18pt) WCAG AA ✓ Pass

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

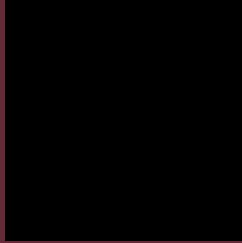
Any Text WCAG AA × Fail

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 642A36 Background



This preview shows how black text looks on a background with the Hex color 642A36.



This preview shows how white text looks on a background with the Hex color 642A36.

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
642A36

Protanopia
3E3D40

Deuteranopia
473B33



Tritanopia
632B2E

Trichromacy



Original Color
642A36

Protanomaly
4C363C

Deuteranomaly
523534

Tritanomaly
632B31

Monochromacy



Original Color
642A36

Achromatopsia
3D3D3D

Achromatomaly
4B363A

CSS Examples

Text

The CSS property to change the color of the text to Hex 642A36 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 #642A36 looks like.

```
.text, #text, p{  
    color:#642A36  
}
```

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 #642A36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #642A36
}
```

Border

The CSS property to change the border of an element to Hex 642A36 is called "border". The border property can be set on classes, ids or directly on the HTML element.

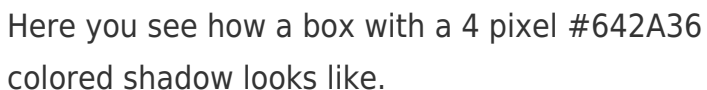
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#642A36 }
```

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

```
.border{ border-color:#642A36 }
```

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



Here you see how a box with a 4 pixel #642A36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #642A36; -webkit-box-shadow:4px 4px  
4px 4px #642A36; box-shadow:4px 4px 4px  
4px #642A36 }
```

Background

The CSS property to change the background color of an element to Hex 642A36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#642A36 }
```

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

```
.background{ background-color:#642A36 }
```

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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