

Converting Colors

Hex(642A64)

Have a look what the booklet for
Hex(642A64) contains.

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Color

Hex(642A64)

Conversions

Conversions Part 1

Format	Color
Hex	642A64
RGB	100, 42, 100
RGB Percent	39%, 16%, 39%
CMY	0.6078, 0.8353, 0.6078
CMYK	0.00, 0.58, 0.00, 0.61
HSL	300°, 41%, 28%
HSV	300°, 58%, 39%
XYZ	8.3837, 5.2854, 12.6349
YIQ	65.9540, 15.9500, 30.3340

Conversions

Conversions Part 2

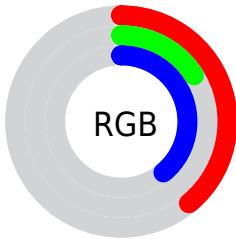
Format	Color
RYB	100, 42, 100
Decimal	6564452
CIELab	27.53, 34.93, -22.50
CIElCh	28, 41.547, 327.219
Yxy	5.2854, 0.3187, 0.2009
Android (android.graphics.Color)	4284754532 (0xFF642A64)
YUV	65.9540, 16.7847, 29.8583
Hunter-Lab	22.9899, 24.8614, -16.4919

Details

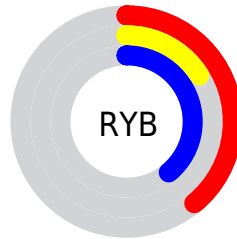
The Hex color **642A64** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2A642A**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **995B97**, and **330035** is the 20% darker color. If you saturate the color by 10%, you get **642064**, and if you desaturate by 10%, it is **643464**.

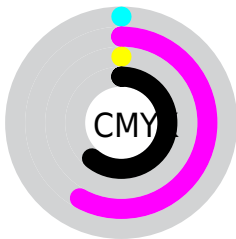
Distribution



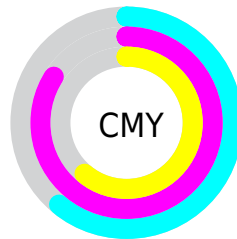
- Red (39%)
- Green (16%)
- Blue (39%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 642A64 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 642A64 by changing the saturation by 10% instead.



642A64



642A64

FFFFFF



4B114C



995B97



330035



B474B2



1E0020



D08ECE



000002



EDA9EA



000000



FFC5FF



FFE1FF



FFFEFF



642A64



642A64

642064

643464

641664

643E64

640C64

644864

640264

645264

640064

645C64

646664

647064

647A64

648464

Harmonies

Analogous

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



393A7A



642A64



771E45

Triad

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



642A64



523F00



004F5D

Complementary

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



642A64



2A642A

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.



004F3D



642A64



334800

Square

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



642A64



6A3108



004D1C



004D76

Rectangle

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



642A64



791F30



004D1C



004F53

Sweetspot

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



642A64



826C82



2A2A64



423542



C2C2C2



424242

Same Dimension

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



642A64



822782



642A47



332E33



730073



F200F2

Inverse Universe

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



642A64



822782



2A6447



332E33



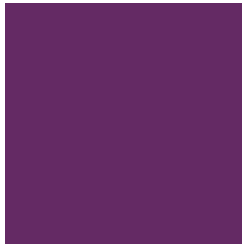
730073



F200F2

Previews

White Background



This preview shows how the Hex color 642A64 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

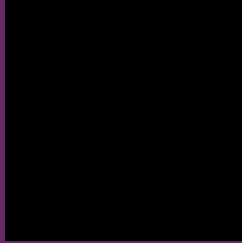
Any Text WCAG AA × Fail

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 642A64 Background



This preview shows how black text looks on a background with the Hex color 642A64.

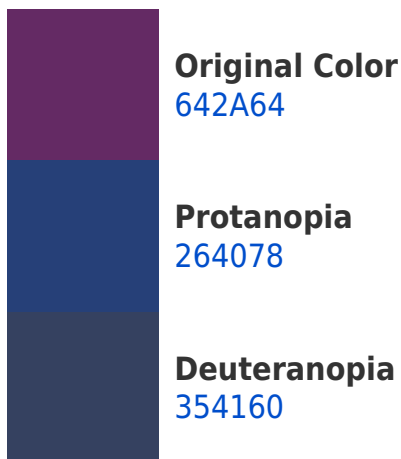


This preview shows how white text looks on a background with the Hex color 642A64.

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





Tritanopia
5F3639

Trichromacy



Original Color
642A64

Protanomaly
3D3871

Deuteranomaly
463961

Tritanomaly
613249

Monochromacy



Original Color
642A64

Achromatopsia
424242

Achromatomaly
4E394E

CSS Examples

Text

The CSS property to change the color of the text to Hex 642A64 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 #642A64 looks like.

```
.text, #text, p{  
    color:#642A64  
}
```

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 #642A64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #642A64
}
```

Border

The CSS property to change the border of an element to Hex 642A64 is called "border". The border property can be set on classes, ids or directly on the HTML element.

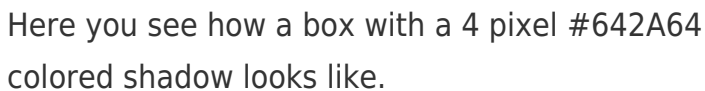
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#642A64 }
```

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

```
.border{ border-color:#642A64 }
```

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



Here you see how a box with a 4 pixel #642A64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #642A64; -webkit-box-shadow:4px 4px  
4px 4px #642A64; box-shadow:4px 4px 4px  
4px #642A64 }
```

Background

The CSS property to change the background color of an element to Hex 642A64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#642A64 }
```

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

```
.background{ background-color:#642A64 }
```

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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