

Converting Colors

Hex(642873)

Have a look what the booklet for
Hex(642873) contains.

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Color

Hex(642873)

Conversions

Conversions Part 1

Format	Color
Hex	642873
RGB	100, 40, 115
RGB Percent	39%, 16%, 45%
CMY	0.6078, 0.8431, 0.5490
CMYK	0.13, 0.65, 0.00, 0.55
HSL	288°, 48%, 30%
HSV	288°, 65%, 45%
XYZ	9.1088, 5.4647, 16.7944
YIQ	66.4900, 11.6850, 36.0450

Conversions

Conversions Part 2

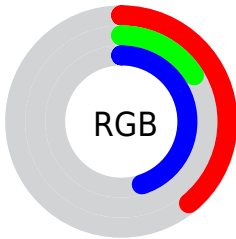
Format	Color
R_{YB}	100, 40, 115
Decimal	6563955
CIE _{Lab}	28.02, 39.07, -31.36
CIE _{LCh}	28, 50.102, 321.246
Yxy	5.4647, 0.2904, 0.1742
Android (android.graphics.Color)	4284754035 (0xFF642873)
YUV	66.4900, 23.9154, 29.3883
Hunter-Lab	23.3767, 28.6440, -26.2316

Details

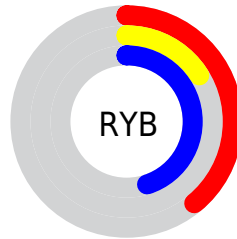
The Hex color **642873** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **377328**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **995AA7**, and **320042** is the 20% darker color. If you saturate the color by 10%, you get **621D73**, and if you desaturate by 10%, it is **663373**.

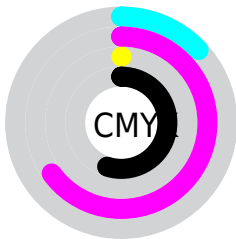
Distribution



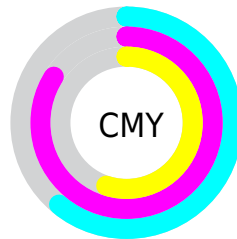
- Red (39%)
- Green (16%)
- Blue (45%)



- Red (39%)
- Yellow (16%)
- Blue (45%)



- Cyan (13%)
- Magenta (65%)
- Yellow (0%)
- Black (55%)



- Cyan (61%)
- Magenta (84%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 642873 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 642873 by changing the saturation by 10% instead.

642873

642873

FFFFFF

4B0E5A

995AA7

320042

B573C3

1D002C

D18DDF

000116

EEA8FC

000000

FFC4FF

FFE0FF

FFFDFF

642873

642873

621D73

663373

5F1173

693F73

5D0573

6B4B73

5C0073

6D5673

706273

726D73

747973

768473

799073

Harmonies

Analogous

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



1D3D8B



642873



7F0F4F

Triad

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



642873



5B3C00



00535D

Complementary

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



642873



377328

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.



005235



642873



384800

Square

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



642873



752A01



004F0A



00517E

Rectangle

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



642873



840C35



004F0A



005350

Sweetspot

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



642873



907896



283773



493A4D



CCCCCC



4D4D4D

Same Dimension

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



642873



7F2196



73285D



39353B



62007A



C800FA

Inverse Universe

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



732837



962139



28733F



3B3536



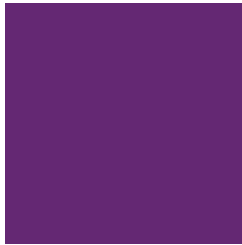
7A0018



FA0032

Previews

White Background



This preview shows how the Hex color 642873 looks on a white background.

Color Contrast Check

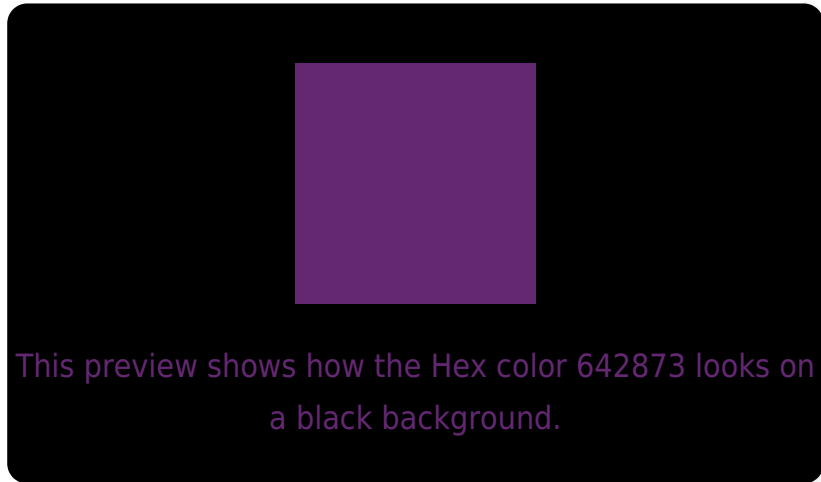
Large Text (above 18pt) WCAG AA ✓ Pass

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

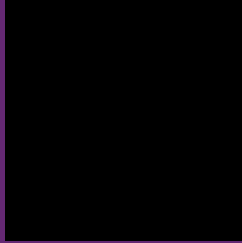
Any Text WCAG AA × Fail

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 642873 Background



This preview shows how black text looks on a background with the Hex color 642873.




This preview shows how white text looks on a background with the Hex color 642873.

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](#).

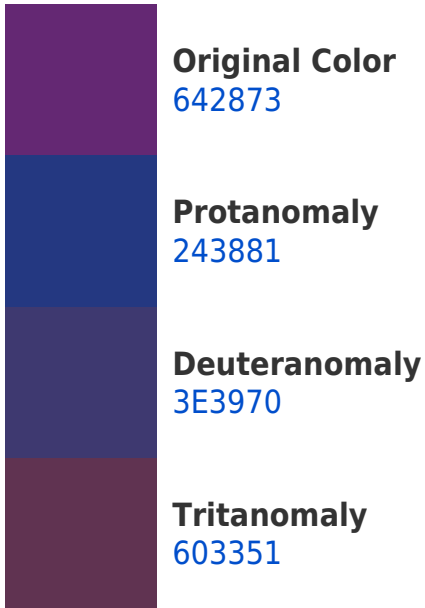
Dichromacy



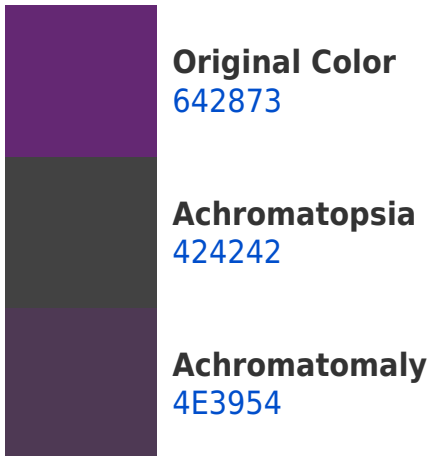


Tritanopia
5D393D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 642873 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 #642873 looks like.

```
.text, #text, p{  
    color:#642873  
}
```

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 #642873 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #642873
}
```

Border

The CSS property to change the border of an element to Hex 642873 is called "border". The border property can be set on classes, ids or directly on the HTML element.

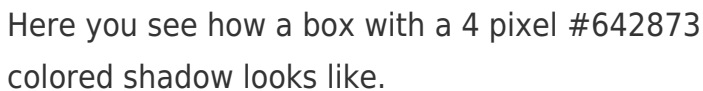
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#642873 }
```

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

```
.border{ border-color:#642873 }
```

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



Here you see how a box with a 4 pixel #642873 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #642873; -webkit-box-shadow:4px 4px  
4px 4px #642873; box-shadow:4px 4px 4px  
4px #642873 }
```

Background

The CSS property to change the background color of an element to Hex 642873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#642873 }
```

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

```
.background{ background-color:#642873 }
```

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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