

Converting Colors

Hex(642845)

Have a look what the booklet for
Hex(642845) contains.

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Color

Hex(642845)

Conversions

Conversions Part 1

Format	Color
Hex	642845
RGB	100, 40, 69
RGB Percent	39%, 16%, 27%
CMY	0.6078, 0.8431, 0.7294
CMYK	0.00, 0.60, 0.31, 0.61
HSL	331°, 43%, 27%
HSV	331°, 60%, 39%
XYZ	7.0885, 4.6566, 6.1554
YIQ	61.2460, 26.4510, 21.7390

Conversions

Conversions Part 2

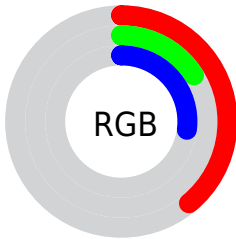
Format	Color
R_{YB}	100, 40, 69
Decimal	6563909
CIE _{Lab}	25.73, 30.58, -4.81
CIE _{LCh}	26, 30.954, 351.069
Yxy	4.6566, 0.3960, 0.2601
Android (android.graphics.Color)	4284753989 (0xFF642845)
YUV	61.2460, 3.8227, 33.9873
Hunter-Lab	21.5791, 20.8718, -1.8071

Details

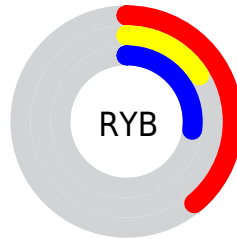
The Hex color **642845** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **286447**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **995875**, and **32001A** is the 20% darker color. If you saturate the color by 10%, you get **641E40**, and if you desaturate by 10%, it is **64324A**.

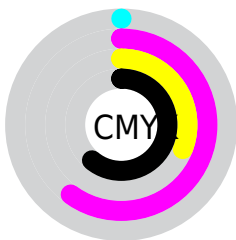
Distribution



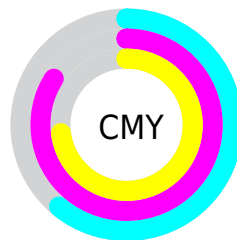
- Red (39%)
- Green (16%)
- Blue (27%)



- Red (39%)
- Yellow (16%)
- Blue (27%)



- Cyan (0%)
- Magenta (60%)
- Yellow (31%)
- Black (61%)



- Cyan (61%)
- Magenta (84%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 642845 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 642845 by changing the saturation by 10% instead.

642845

642845

FFFFFF

4B102F

995875

32001A

B4718F

190001

D18BA9

000000

EDA6C4

FFC2E0

FFDEFD

FFFBFF

642845

642845

641E40

64324A

64143B

643C4F

640A36

644655

640030

64505A

645A5F

646464

646E69

64786E

648274

Harmonies

Analogous

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



53305B



642845



68282D

Triad

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



642845



39410D



004661

Complementary

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



642845



286447

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.



00484D



642845



1C451E

Square

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



642845



4F390B



004835



00426B

Rectangle

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



642845



632D1F



004835



00475B

Sweetspot

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



642845



826B76



472864



42343B



C2C2C2



424242

Same Dimension

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



642845



822452



642928



332E30



730037



F20075

Inverse Universe

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



642845



822452



286364



332E30



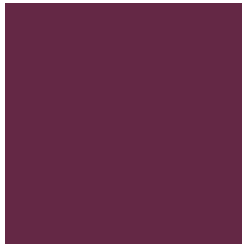
730037



F20075

Previews

White Background



This preview shows how the Hex color 642845 looks on a white background.

Color Contrast Check

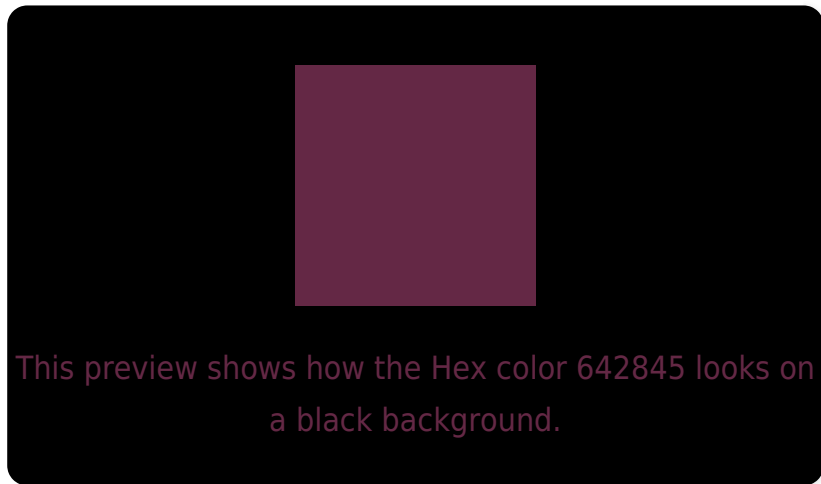
Large Text (above 18pt) WCAG AA ✓ Pass

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

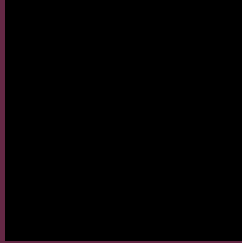
Any Text WCAG AA × Fail

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 642845 Background



This preview shows how black text looks on a background with the Hex color 642845.



This preview shows how white text looks on a background with the Hex color 642845.

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
642845

Protanopia
383D53

Deuteranopia
423C42



Tritanopia
622D30

Trichromacy



Original Color

642845

Protanomaly

48354E

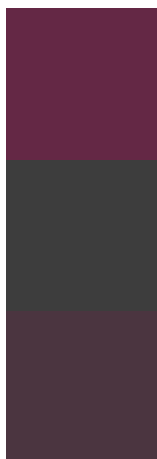
Deuteranomaly

4E3543

Tritanomaly

632B38

Monochromacy



Original Color

642845

Achromatopsia

3D3D3D

Achromatomaly

4B3540

CSS Examples

Text

The CSS property to change the color of the text to Hex 642845 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 #642845 looks like.

```
.text, #text, p{  
    color:#642845  
}
```

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 #642845 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #642845
}
```

Border

The CSS property to change the border of an element to Hex 642845 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".

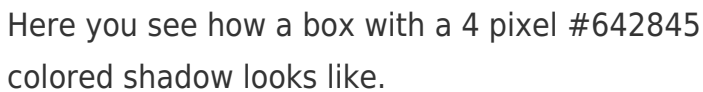
```
.border, #border, table{ border:4px solid
#642845 }
```

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

```
.border{ border-color:#642845 }
```

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

Here you see how a box with a 4 pixel #642845 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red shadow that is wider on the left and bottom sides, and narrower on the top and right sides, creating a 3D effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #642845; -webkit-box-shadow:4px 4px  
4px 4px #642845; box-shadow:4px 4px 4px  
4px #642845 }
```

Background

The CSS property to change the background color of an element to Hex 642845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#642845 }
```

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

```
.background{ background-color:#642845 }
```

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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