

Converting Colors

Hex(643972)

Have a look what the booklet for
Hex(643972) contains.

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Color

Hex(643972)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 643972 |
| RGB | 100, 57, 114 |
| RGB Percent | 39%, 22%, 45% |
| CMY | 0.6078, 0.7765, 0.5529 |
| CMYK | 0.12, 0.50, 0.00, 0.55 |
| HSL | 285°, 33%, 34% |
| HSV | 285°, 50%, 45% |
| XYZ | 9.7559, 6.8505, 16.7277 |
| YIQ | 76.3550, 7.3310, 26.8430 |

Conversions

Conversions Part 2

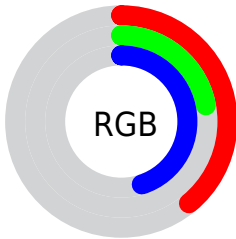
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 100, 57, 114 |
| Decimal | 6568306 |
| CIE Lab | 31.46, 29.52, -25.28 |
| CIE LCh | 31, 38.866, 319.422 |
| Yxy | 6.8505, 0.2927, 0.2055 |
| Android (android.graphics.Color) | 4284758386 (0xFF643972) |
| YUV | 76.3550, 18.5590, 20.7367 |
| Hunter-Lab | 26.1734, 20.7308, -19.5714 |

Details

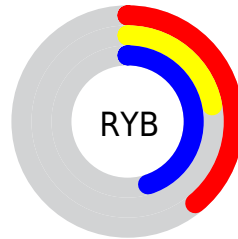
The Hex color **643972** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **477239**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **986AA6**, and **330B42** is the 20% darker color. If you saturate the color by 10%, you get **612E72**, and if you desaturate by 10%, it is **674472**.

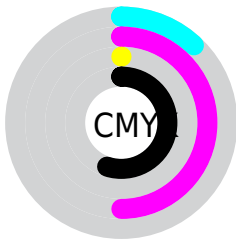
Distribution



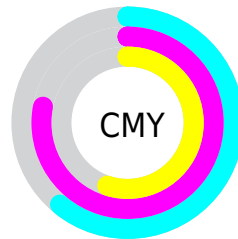
- Red (39%)
- Green (22%)
- Blue (45%)



- Red (39%)
- Yellow (22%)
- Blue (45%)



- Cyan (12%)
- Magenta (50%)
- Yellow (0%)
- Black (55%)



- Cyan (61%)
- Magenta (78%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 643972 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 643972 by changing the saturation by 10% instead.

643972

643972

FFFFFF

4B2259

986AA6

330B42

B383C1

20002B

CF9EDD

000116

ECB9FA

000000

FFD5FF

FFF1FF

643972

643972

612E72

674472

■ 5E2272

■ 6A5072

■ 5C1772

■ 6C5B72

■ 590B72

■ 6F6772

■ 560072

■ 727272

■ 757D72

■ 788972

■ 7A9472

■ 7DA072

Harmonies

Analogous

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



354684



643972



7B2E56

Triad

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



643972



624507



00585D

Complementary

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



643972



477239

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.



00583E



643972



464E07

Square

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



643972



77381C



205520



005678

Rectangle

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



643972



812C42



205520



005853

Sweetspot

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



643972



8E7E94



394772



473D4A



C9C9C9



4A4A4A

Same Dimension

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



643972



7E3B94



723964



373238



5A0078



BB00F7

Inverse Universe

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



723947



943B51



397247



383234



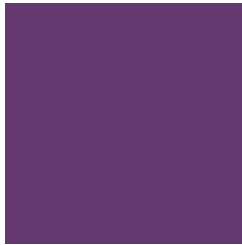
78001D



F7003D

Previews

White Background



This preview shows how the Hex color 643972 looks on a white background.

Color Contrast Check

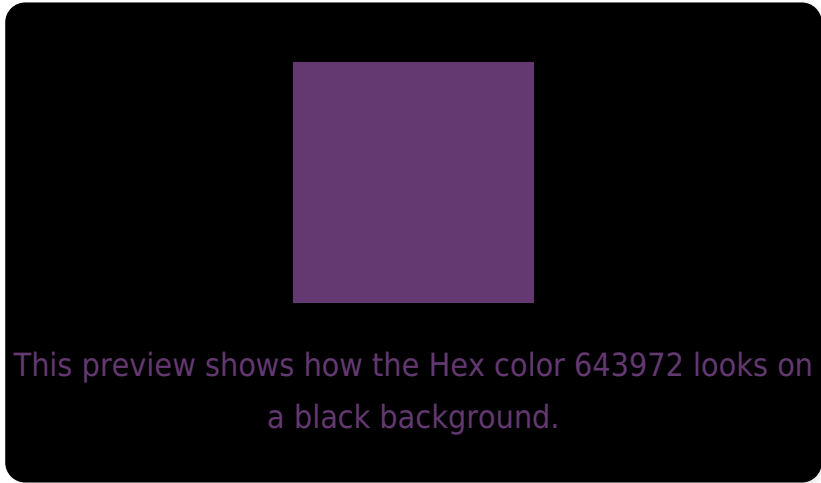
Large Text (above 18pt) WCAG AA ✓ Pass

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

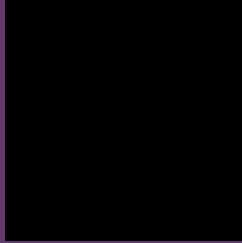
Any Text WCAG AA × Fail

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 643972 Background



This preview shows how black text looks on a background with the Hex color 643972.



This preview shows how white text looks on a background with the Hex color 643972.

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
643972

Protanopia
324980

Deuteranopia
3A4A6F



Tritanopia
5E4348

Trichromacy



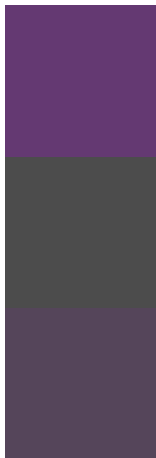
Original Color
643972

Protanomaly
44437B

Deuteranomaly
494470

Tritanomaly
603F57

Monochromacy



Original Color
643972

Achromatopsia
4C4C4C

Achromatomaly
55455A

CSS Examples

Text

The CSS property to change the color of the text to Hex 643972 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 #643972 looks like.

```
.text, #text, p{  
    color:#643972  
}
```

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 #643972 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #643972
}
```

Border

The CSS property to change the border of an element to Hex 643972 is called "border". The border property can be set on classes, ids or directly on the HTML element.

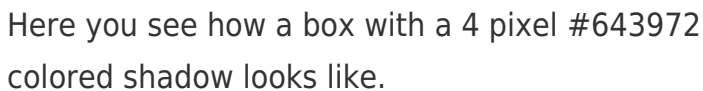
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#643972 }
```

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

```
.border{ border-color:#643972 }
```

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



Here you see how a box with a 4 pixel #643972 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #643972; -webkit-box-shadow:4px 4px  
4px 4px #643972; box-shadow:4px 4px 4px  
4px #643972 }
```

Background

The CSS property to change the background color of an element to Hex 643972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#643972 }
```

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

```
.background{ background-color:#643972 }
```

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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