

Converting Colors

Hex(643F89)

Have a look what the booklet for
Hex(643F89) contains.

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Color

Hex(643F89)

Conversions

Conversions Part 1

Format	Color
Hex	643F89
RGB	100, 63, 137
RGB Percent	39%, 25%, 54%
CMY	0.6078, 0.7529, 0.4627
CMYK	0.27, 0.54, 0.00, 0.46
HSL	270°, 37%, 39%
HSV	270°, 54%, 54%
XYZ	11.5484, 8.0705, 24.6160
YIQ	82.4990, -1.7020, 30.8580

Conversions

Conversions Part 2

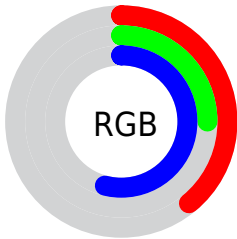
Format	Color
RYB	100, 63, 137
Decimal	6569865
CIELab	34.13, 31.57, -35.41
CIELCh	34, 47.439, 311.722
Yxy	8.0705, 0.2611, 0.1824
Android (android.graphics.Color)	4284759945 (0xFF643F89)
YUV	82.4990, 26.8690, 15.3484
Hunter-Lab	28.4086, 22.8471, -31.4887

Details

The Hex color **643F89** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **64893F**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **9970BF**, and **321156** is the 20% darker color. If you saturate the color by 10%, you get **5D3189**, and if you desaturate by 10%, it is **6B4D89**.

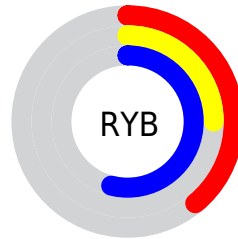
Distribution



Red (39%)

Green (25%)

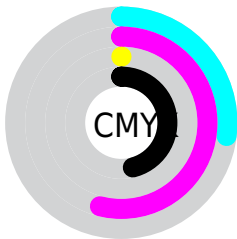
Blue (54%)



Red (39%)

Yellow (25%)

Blue (54%)

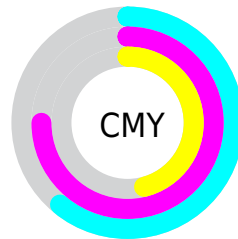


Cyan (27%)

Magenta (54%)

Yellow (0%)

Black (46%)



Cyan (61%)

Magenta (75%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 643F89 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 643F89 by changing the saturation by 10% instead.

643F89

643F89

FFFFFF

4B286F

9970BF

321156

B48ADB

1A003F

D0A4F8

000028

EDC0FF

000112

FFDCFF

000000

FFF8FF

643F89

643F89

5D3189

6B4D89

■ 562489

■ 725A89

■ 4F1689

■ 796889

■ 490889

■ 7F7689

■ 450089

■ 868489

■ 8D9189

■ 949F89

■ 9BAD89

■ A2BA89

Harmonies

Analogous

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



00509B



643F89



872D69

Triad

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



643F89



744600



00615E

Complementary

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



643F89



64893F

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.



006037



643F89



545300

Square

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



643F89



8B351F



285C10



006082

Rectangle

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



643F89



912750



285C10



006151

Sweetspot

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



643F89



A496B3



3F6489



514859



D9D9D9



595959

Same Dimension

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



643F89



783EB3



893F89



413E45



420085



030005

Inverse Universe

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



893F64



B33E78



3F893F



453E41



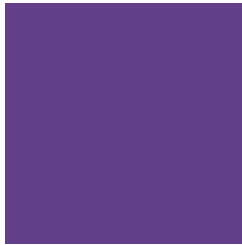
850042



050003

Previews

White Background



This preview shows how the Hex color 643F89 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

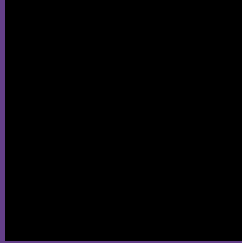
Any Text WCAG AA × Fail

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 643F89 Background



This preview shows how black text looks on a background with the Hex color 643F89.



This preview shows how white text looks on a background with the Hex color 643F89.

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
643F89

Protanopia
294E98

Deuteranopia
2E5185



Tritanopia
5A4D53

Trichromacy



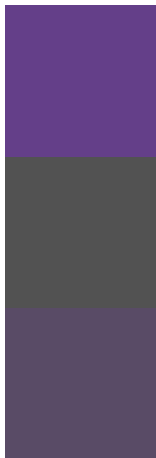
Original Color
643F89

Protanomaly
3E4993

Deuteranomaly
424A86

Tritanomaly
5E4867

Monochromacy



Original Color
643F89

Achromatopsia
525252

Achromatomaly
594B66

CSS Examples

Text

The CSS property to change the color of the text to Hex 643F89 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 #643F89 looks like.

```
.text, #text, p{  
    color:#643F89  
}
```

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 #643F89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #643F89
}
```

Border

The CSS property to change the border of an element to Hex 643F89 is called "border". The border property can be set on classes, ids or directly on the HTML element.

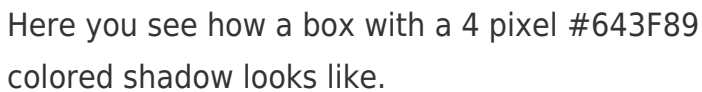
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#643F89 }
```

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

```
.border{ border-color:#643F89 }
```

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



Here you see how a box with a 4 pixel #643F89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #643F89; -webkit-box-shadow:4px 4px  
4px 4px #643F89; box-shadow:4px 4px 4px  
4px #643F89 }
```

Background

The CSS property to change the background color of an element to Hex 643F89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#643F89 }
```

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

```
.background{ background-color:#643F89 }
```

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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