

Converting Colors

Hex(643F9E)

Have a look what the booklet for
Hex(643F9E) contains.

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Color

Hex(643F9E)

Conversions

Conversions Part 1

Format	Color
Hex	643F9E
RGB	100, 63, 158
RGB Percent	39%, 25%, 62%
CMY	0.6078, 0.7529, 0.3804
CMYK	0.37, 0.60, 0.00, 0.38
HSL	263°, 43%, 43%
HSV	263°, 60%, 62%
XYZ	13.2046, 8.7330, 33.3374
YIQ	84.8930, -8.4430, 37.3890

Conversions

Conversions Part 2

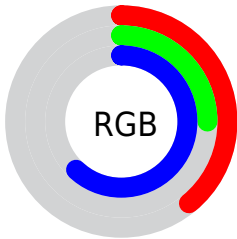
Format	Color
RYB	100, 63, 158
Decimal	6569886
CIELab	35.46, 37.13, -46.07
CIElCh	35, 59.166, 308.868
Yxy	8.7330, 0.2389, 0.1580
Android (android.graphics.Color)	4284759966 (0xFF643F9E)
YUV	84.8930, 36.0418, 13.2488
Hunter-Lab	29.5516, 28.0442, -46.1995

Details

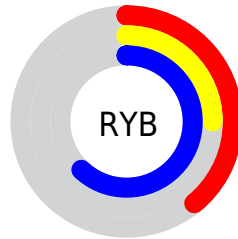
The Hex color **643F9E** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **799E3F**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **9A70D5**, and **2E106A** is the 20% darker color. If you saturate the color by 10%, you get **5A2F9E**, and if you desaturate by 10%, it is **6E4F9E**.

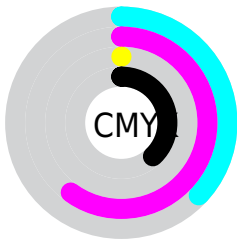
Distribution



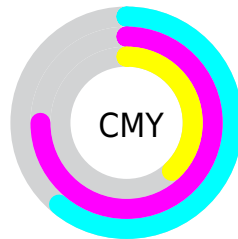
- Red (39%)
- Green (25%)
- Blue (62%)



- Red (39%)
- Yellow (25%)
- Blue (62%)



- Cyan (37%)
- Magenta (60%)
- Yellow (0%)
- Black (38%)



- Cyan (61%)
- Magenta (75%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 643F9E 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 643F9E by changing the saturation by 10% instead.

643F9E

643F9E

FFFFFF

492883

9A70D5

2E106A

B68AF2

110051

D3A5FF

000039

F0C0FF

000223

FFDCFF

000009

FFF9FF

000000

643F9E

643F9E

5A2F9E

6E4F9E

■ 511F9E

■ 775F9E

■ 47109E

■ 816E9E

■ 3E009E

■ 8B7E9E

■ 948E9E

■ 9E9E9E

■ A8AE9E

■ B1BD9E

■ BBCD9E

Harmonies

Analogous

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



0055B2



643F9E



952077

Triad

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



643F9E



814400



006761

Complementary

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



643F9E



799E3F

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.



00652F



643F9E



5A5600

Square

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



643F9E



9C2A1A



226000



00678E

Rectangle

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



643F9E



A20E57



226000



006750

Sweetspot

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



643F9E



B8A9CF



3F7A9E



5B5269



E8E8E8



696969

Same Dimension

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



643F9E



743ACF



933F9E



4A474F



38008F



06000F

Inverse Universe

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



9E3F79



CF3A95



4A9E3F



4F474C



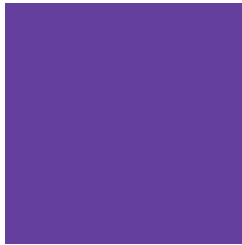
8F0057



0F0009

Previews

White Background



This preview shows how the Hex color 643F9E 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 643F9E Background



This preview shows how black text looks on a background with the Hex color 643F9E.



This preview shows how white text looks on a background with the Hex color 643F9E.

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
643F9E

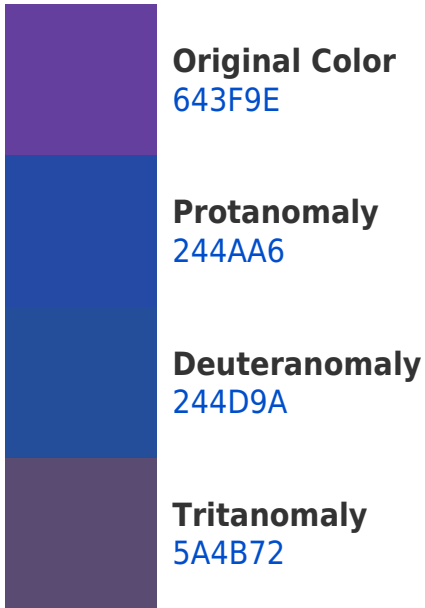
Protanopia
0051AB

Deuteranopia
005597

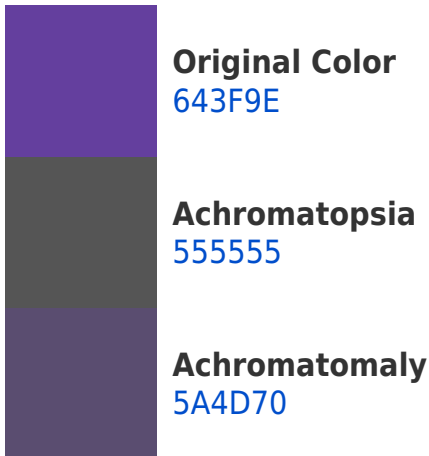


Tritanopia
555259

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 643F9E 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 #643F9E looks like.

```
.text, #text, p{  
    color:#643F9E  
}
```

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 #643F9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #643F9E
}
```

Border

The CSS property to change the border of an element to Hex 643F9E is called "border". The border property can be set on classes, ids or directly on the HTML element.

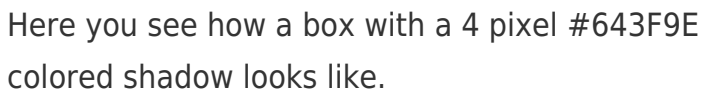
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#643F9E }
```

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

```
.border{ border-color:#643F9E }
```

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



Here you see how a box with a 4 pixel #643F9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #643F9E; -webkit-box-shadow:4px 4px  
4px 4px #643F9E; box-shadow:4px 4px 4px  
4px #643F9E }
```

Background

The CSS property to change the background color of an element to Hex 643F9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#643F9E }
```

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

```
.background{ background-color:#643F9E }
```

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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