

Converting Colors

Hex(643290)

Have a look what the booklet for
Hex(643290) contains.

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Color

Hex(643290)

Conversions

Conversions Part 1

Format	Color
Hex	643290
RGB	100, 50, 144
RGB Percent	39%, 20%, 56%
CMY	0.6078, 0.8039, 0.4353
CMYK	0.31, 0.65, 0.00, 0.44
HSL	272°, 48%, 38%
HSV	272°, 65%, 56%
XYZ	11.4302, 7.0041, 27.1351
YIQ	75.6660, -0.3740, 39.8340

Conversions

Conversions Part 2

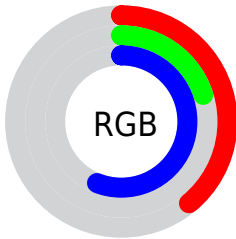
Format	Color
R_{YB}	100, 50, 144
Decimal	6566544
CIE _{Lab}	31.82, 40.69, -43.42
CIE _{LCh}	32, 59.506, 313.145
Y _{xy}	7.0041, 0.2508, 0.1537
Android (android.graphics.Color)	4284756624 (0xFF643290)
YUV	75.6660, 33.6887, 21.3409
Hunter-Lab	26.4653, 30.7784, -42.2646

Details

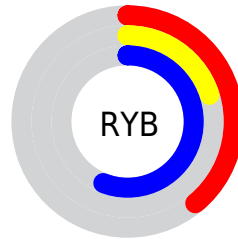
The Hex color **643290** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5E9032**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **9A63C7**, and **30005D** is the 20% darker color. If you saturate the color by 10%, you get **5D2490**, and if you desaturate by 10%, it is **6B4090**.

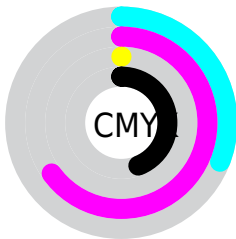
Distribution



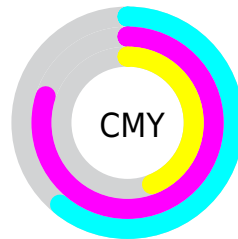
- Red (39%)
- Green (20%)
- Blue (56%)



- Red (39%)
- Yellow (20%)
- Blue (56%)



- Cyan (31%)
- Magenta (65%)
- Yellow (0%)
- Black (44%)



- Cyan (61%)
- Magenta (80%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 643290 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 643290 by changing the saturation by 10% instead.

643290

643290

FFFFFF

4A1976

9A63C7

30005D

B67DE3

180045

D298FF

00002D

EFB3FF

000118

FFCFFF

000000

FFEBFF

643290

643290

5D2490

6B4090

■ 571590

■ 714F90

■ 500790

■ 785D90

■ 4D0090

■ 7F6C90

■ 867A90

■ 8C8890

■ 939790

■ 9AA590

■ A1B490

Harmonies

Analogous

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



004AA7



643290



8F0967

Triad

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



643290



723F00



005E5F

Complementary

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



643290



5E9032

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.



005D2E



643290



4A4F00

Square

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



643290



8E2409



005800



005D8A

Rectangle

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



643290



990048



005800



005E4F

Sweetspot

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



643290



A995BA



325F90



54485E



DEDEDE



5E5E5E

Same Dimension

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



643290



7629BA



90328E



444047



480087



040008

Inverse Universe

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



90325E



BA296D



329034



474044



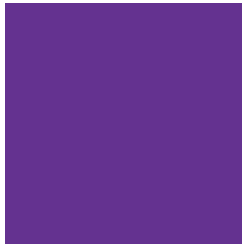
87003F



080004

Previews

White Background



This preview shows how the Hex color 643290 looks on a white background.

Color Contrast Check

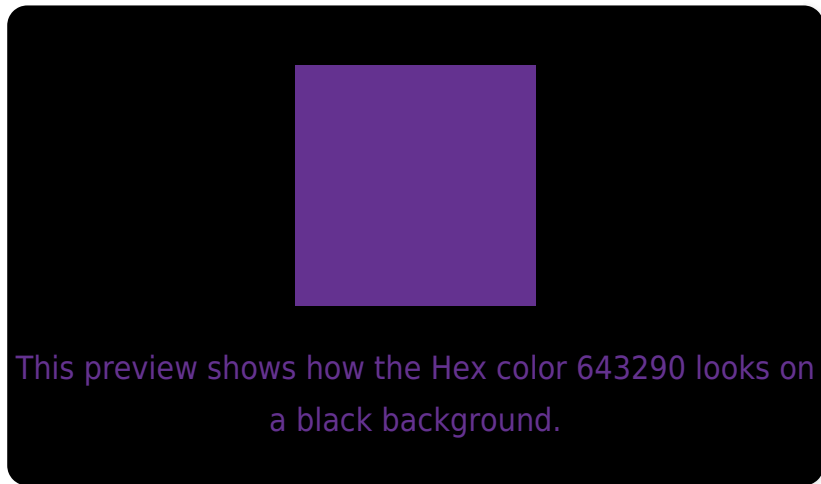
Large Text (above 18pt) WCAG AA ✓ Pass

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

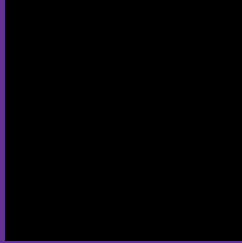
Any Text WCAG AA × Fail

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 643290 Background



This preview shows how black text looks on a background with the Hex color 643290.

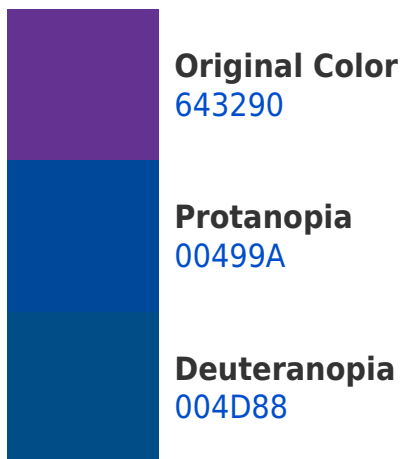


This preview shows how white text looks on a background with the Hex color 643290.

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](#).

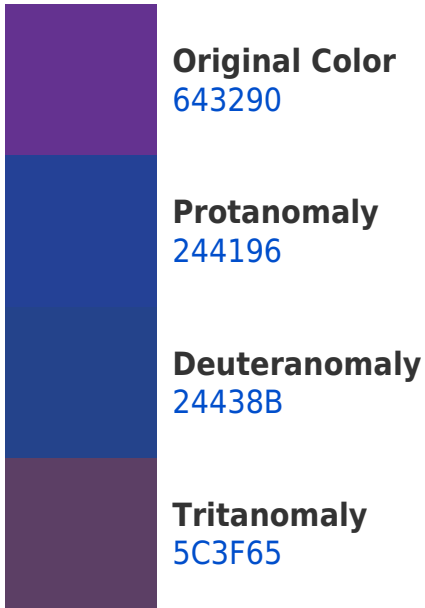
Dichromacy



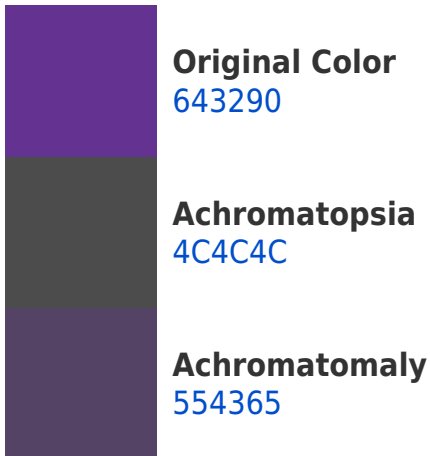


Tritanopia
58474C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 643290 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 #643290 looks like.

```
.text, #text, p{  
    color:#643290  
}
```

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 #643290 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #643290
}
```

Border

The CSS property to change the border of an element to Hex 643290 is called "border". The border property can be set on classes, ids or directly on the HTML element.

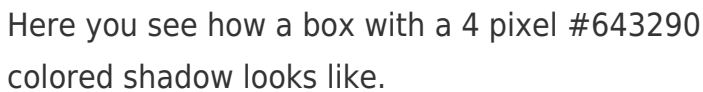
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#643290 }
```

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

```
.border{ border-color:#643290 }
```

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



Here you see how a box with a 4 pixel #643290 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #643290; -webkit-box-shadow:4px 4px  
4px 4px #643290; box-shadow:4px 4px 4px  
4px #643290 }
```

Background

The CSS property to change the background color of an element to Hex 643290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#643290 }
```

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

```
.background{ background-color:#643290 }
```

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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