

Converting Colors

Hex(7F2591)

Have a look what the booklet for
Hex(7F2591) contains.

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Color

Hex(7F2591)

Conversions

Conversions Part 1

Format	Color
Hex	7F2591
RGB	127, 37, 145
RGB Percent	50%, 15%, 57%
CMY	0.5020, 0.8549, 0.4314
CMYK	0.12, 0.74, 0.00, 0.43
HSL	290°, 59%, 36%
HSV	290°, 74%, 57%
XYZ	14.5248, 7.8795, 27.5434
YIQ	76.2220, 18.9720, 52.6680

Conversions

Conversions Part 2

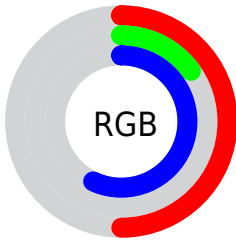
Format	Color
R_{YB}	127, 37, 145
Decimal	8332689
CIE _{Lab}	33.73, 52.96, -40.75
CIE _{LCh}	34, 66.821, 322.427
Yxy	7.8795, 0.2908, 0.1578
Android (android.graphics.Color)	4286522769 (0xFF7F2591)
YUV	76.2220, 33.9076, 44.5323
Hunter-Lab	28.0704, 43.2400, -38.5275

Details

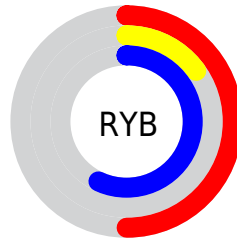
The Hex color **7F2591** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **379125**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **B75BC8**, and **4A005E** is the 20% darker color. If you saturate the color by 10%, you get **7D1791**, and if you desaturate by 10%, it is **813491**.

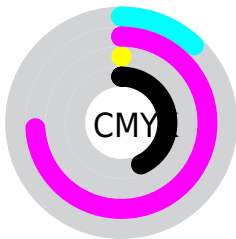
Distribution



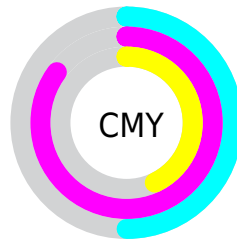
- Red (50%)
- Green (15%)
- Blue (57%)



- Red (50%)
- Yellow (15%)
- Blue (57%)



- Cyan (12%)
- Magenta (74%)
- Yellow (0%)
- Black (43%)



- Cyan (50%)
- Magenta (85%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F2591 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 7F2591 by changing the saturation by 10% instead.

7F2591

7F2591

FFFFFF

640077

B75BC8

4A005E

D376E4

300046

F191FF

15002E

FFADFF

000118

FFC9FF

000000

FFE6FF

7F2591

7F2591

7D1791

813491

■ 7A0891

■ 844291

■ 790091

■ 865191

■ 895F91

■ 8B6E91

■ 8E7C91

■ 908B91

■ 929991

■ 95A891

Harmonies

Analogous

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



0348B3



7F2591



A3005F

Triad

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



7F2591



6D4900



006577

Complementary

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



7F2591



379125

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.



006440



7F2591



3C5800

Square

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



7F2591



922C00



006000



0063A4

Rectangle

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



7F2591



A8003C



006000



006565

Sweetspot

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



7F2591



B693BD



253791



5A465E



DEDEDE



5E5E5E

Same Dimension

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



7F2591



A115BD



91256D



464047



710087



060008

Inverse Universe

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



912537



BD1531



259149



474041



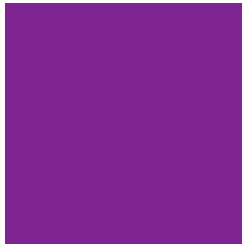
870017



080001

Previews

White Background



This preview shows how the Hex color 7F2591 looks on a white background.

Color Contrast Check

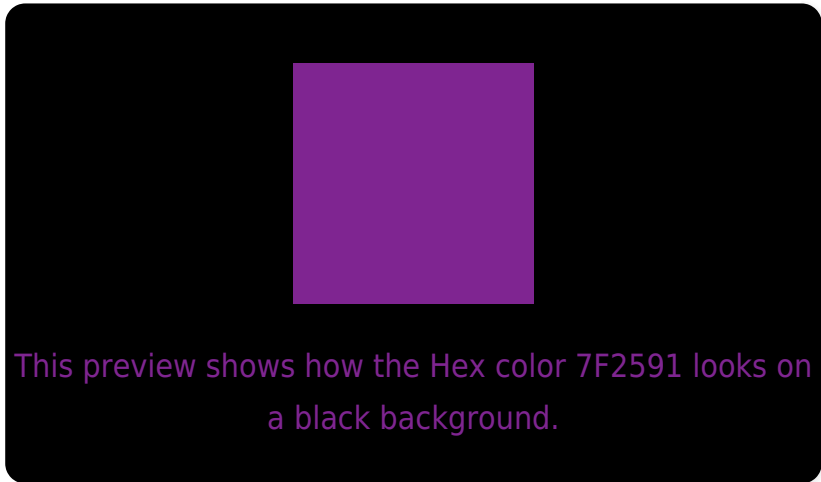
Large Text (above 18pt) WCAG AA ✓ Pass

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

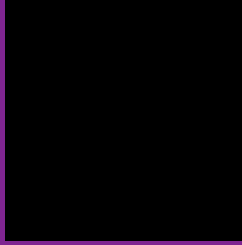
Any Text WCAG AA × Fail

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 7F2591 Background



This preview shows how black text looks on a background with the Hex color 7F2591.

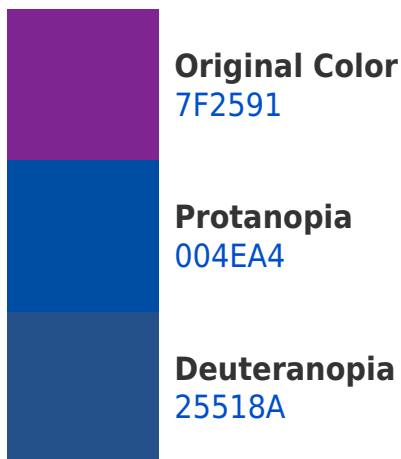



This preview shows how white text looks on a background with the Hex color 7F2591.

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](#).

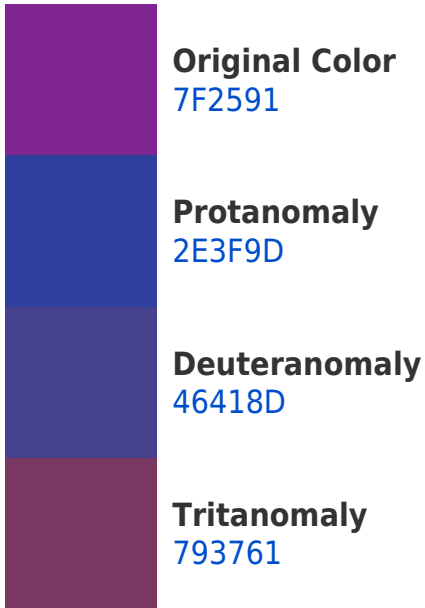
Dichromacy



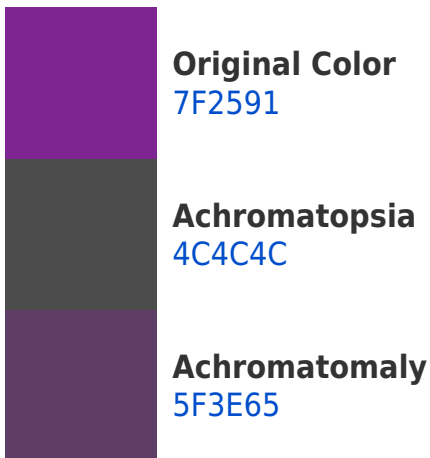


Tritanopia
754145

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7F2591 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 #7F2591 looks like.

```
.text, #text, p{  
    color:#7F2591  
}
```

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 #7F2591 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F2591
}
```

Border

The CSS property to change the border of an element to Hex 7F2591 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
#7F2591 }
```

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

```
.border{ border-color:#7F2591 }
```

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

Here you see how a box with a 4 pixel #7F2591 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F2591; -webkit-box-shadow:4px 4px  
4px 4px #7F2591; box-shadow:4px 4px 4px  
4px #7F2591 }
```

Background

The CSS property to change the background color of an element to Hex 7F2591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F2591 }
```

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

```
.background{ background-color:#7F2591 }
```

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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