

Converting Colors

Hex(791EAF)

Have a look what the booklet for
Hex(791EAF) contains.

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Color

Hex(791EAF)

Conversions

Conversions Part 1

Format	Color
Hex	791EAF
RGB	121, 30, 175
RGB Percent	47%, 12%, 69%
CMY	0.5255, 0.8824, 0.3137
CMYK	0.31, 0.83, 0.00, 0.31
HSL	278°, 71%, 40%
HSV	278°, 83%, 69%
XYZ	16.0873, 8.0886, 41.2708
YIQ	73.7390, 7.6910, 64.3870

Conversions

Conversions Part 2

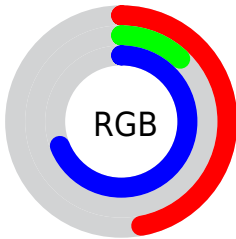
Format	Color
R_{YB}	121, 30, 175
Decimal	7937711
CIE Lab	34.17, 60.34, -58.25
CIE LCh	34, 83.868, 316.012
Yxy	8.0886, 0.2458, 0.1236
Android (android.graphics.Color)	4286127791 (0xFF791EAF)
YUV	73.7390, 49.9217, 41.4479
Hunter-Lab	28.4405, 51.1970, -66.1289

Details

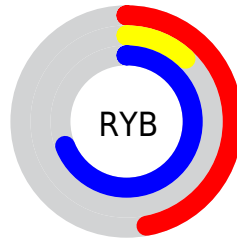
The Hex color **791EAF** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **54AF1E**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **B257E8**, and **400079** is the 20% darker color. If you saturate the color by 10%, you get **720DAF**, and if you desaturate by 10%, it is **8030AF**.

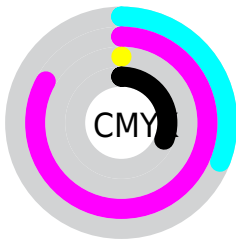
Distribution



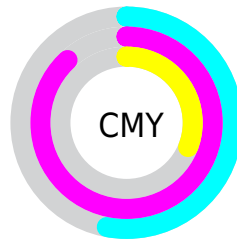
- Red (47%)
- Green (12%)
- Blue (69%)



- Red (47%)
- Yellow (12%)
- Blue (69%)



- Cyan (31%)
- Magenta (83%)
- Yellow (0%)
- Black (31%)



- Cyan (53%)
- Magenta (88%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 791EAF 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 791EAF by changing the saturation by 10% instead.

 791EAF

 791EAF

FFFFFF

 5D0094

 B257E8

 400079

 CF72FF

 230060

 ED8EFF

 000047

 FFAAFF

 00042F

 FFC6FF

 00011A

 FFE3FF

 000000

 791EAF

 791EAF

 720DAF

 8030AF

■ 6E00AF

■ 8641AF

■ 8D53AF

■ 9364AF

■ 9A76AF

■ A087AF

■ A799AF

■ ADAAAF

■ B4BCAF

Harmonies

Analogous

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



004ED4



791EAF



B20072

Triad

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



791EAF



7C4200



006974

Complementary

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



791EAF



54AF1E

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.



00672D



791EAF



415800

Square

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



791EAF



A70000



006300



0069B1

Rectangle

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



791EAF



BD0047



006300



00685D

Sweetspot

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



791EAF



CEAAE3



1E56AF



665073



F2F2F2



737373

Same Dimension

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



791EAF



8F02E3



AF1E9E



534E57



5E0096



0E0017

Inverse Universe

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



AF1E54



E30256



1EAF2F



574E51



960038



170009

Previews

White Background



This preview shows how the Hex color 791EAF looks on a white background.

Color Contrast Check

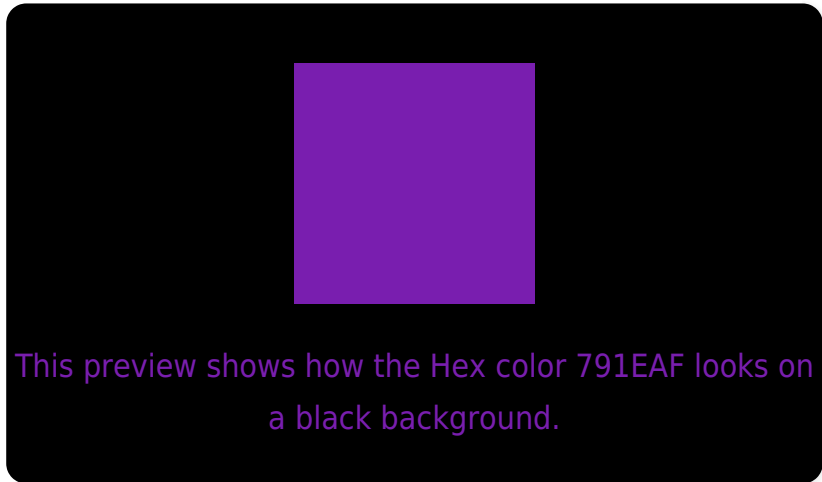
Large Text (above 18pt) WCAG AA ✓ Pass

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

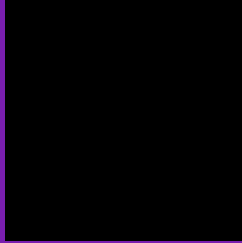
Any Text WCAG AA × Fail

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 791EAF Background



This preview shows how black text looks on a background with the Hex color 791EAF.



This preview shows how white text looks on a background with the Hex color 791EAF.

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
791EAF

Protanopia
004FA6

Deuteranopia
005390



Tritanopia
68494E

Trichromacy



Original Color
791EAF



Protanomaly
2C3DA9



Deuteranomaly
2C409B



Tritanomaly
6E3971

Monochromacy



Original Color
791EAF



Achromatopsia
4A4A4A



Achromatomaly
5B3A6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 791EAF 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 #791EAF looks like.

```
.text, #text, p{  
    color:#791EAF  
}
```

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 #791EAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #791EAF
}
```

Border

The CSS property to change the border of an element to Hex 791EAF 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
#791EAF }
```

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

```
.border{ border-color:#791EAF }
```

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

Here you see how a box with a 4 pixel #791EAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #791EAF; -webkit-box-shadow:4px 4px  
4px 4px #791EAF; box-shadow:4px 4px 4px  
4px #791EAF }
```

Background

The CSS property to change the background color of an element to Hex 791EAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#791EAF }
```

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

```
.background{ background-color:#791EAF }
```

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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