

Converting Colors

Hex(7F1598)

Have a look what the booklet for
Hex(7F1598) contains.

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Color

Hex(7F1598)

Conversions

Conversions Part 1

Format	Color
Hex	7F1598
RGB	127, 21, 152
RGB Percent	50%, 8%, 60%
CMY	0.5020, 0.9176, 0.4039
CMYK	0.16, 0.86, 0.00, 0.40
HSL	289°, 76%, 34%
HSV	289°, 86%, 60%
XYZ	14.6881, 7.3154, 30.3436
YIQ	67.6280, 21.1250, 63.2130

Conversions

Conversions Part 2

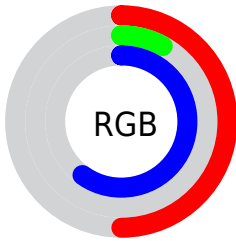
Format	Color
R_{YB}	127, 21, 152
Decimal	8328600
CIE _{Lab}	32.51, 59.20, -46.99
CIE _{LCh}	33, 75.585, 321.559
Y _{xy}	7.3154, 0.2806, 0.1397
Android (android.graphics.Color)	4286518680 (0xFF7F1598)
YUV	67.6280, 41.5954, 52.0692
Hunter-Lab	27.0469, 49.6039, -47.5839

Details

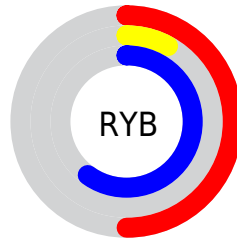
The Hex color **7F1598** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **2E9815**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **B752CF**, and **480064** is the 20% darker color. If you saturate the color by 10%, you get **7C0698**, and if you desaturate by 10%, it is **822498**.

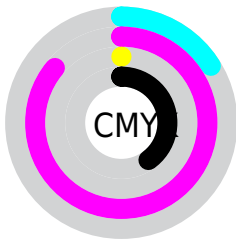
Distribution



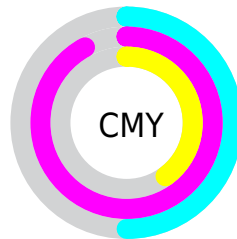
- Red (50%)
- Green (8%)
- Blue (60%)



- Red (50%)
- Yellow (8%)
- Blue (60%)



- Cyan (16%)
- Magenta (86%)
- Yellow (0%)
- Black (40%)



- Cyan (50%)
- Magenta (92%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F1598 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 7F1598 by changing the saturation by 10% instead.

7F1598

7F1598

FFFFFF

64007E

B752CF

480064

D46DEC

2F004B

F288FF

110034

FFA4FF

00021D

FFC0FF

000000

FFDDFF

FFFBFF

7F1598

7F1598

■ 7C0698

■ 822498

■ 7B0098

■ 853398

■ 884398

■ 8B5298

■ 8E6198

■ 907098

■ 937F98

■ 968F98

■ 999E98

Harmonies

Analogous

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



0045BE



7F1598



A80060

Triad

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



7F1598



6C4400



006377

Complementary

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



7F1598



2E9815

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.



006239



7F1598



345600

Square

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



7F1598



951F00



005E00



0062AB

Rectangle

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



7F1598



AE0039



005E00



006363

Sweetspot

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



7F1598



BB91C4



152F98



5E4563



E3E3E3



636363

Same Dimension

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



7F1598



9F00C4



981571



4B454D



71008C



0A000D

Inverse Universe

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



98152E



C40025



15983C



4D4546



8C001B



0D0002

Previews

White Background



This preview shows how the Hex color 7F1598 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

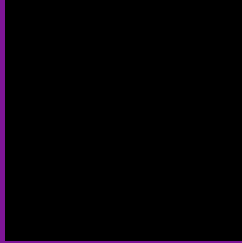
Any Text WCAG AA × Fail

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 7F1598 Background



This preview shows how black text looks on a background with the Hex color 7F1598.

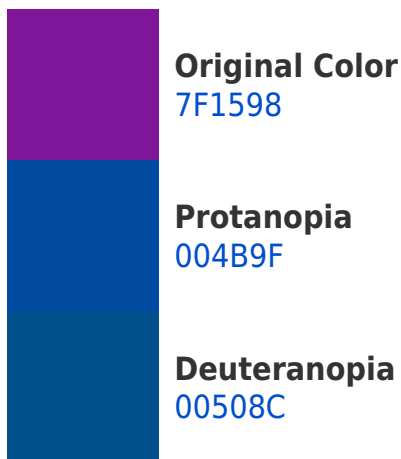


This preview shows how white text looks on a background with the Hex color 7F1598.

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](#).

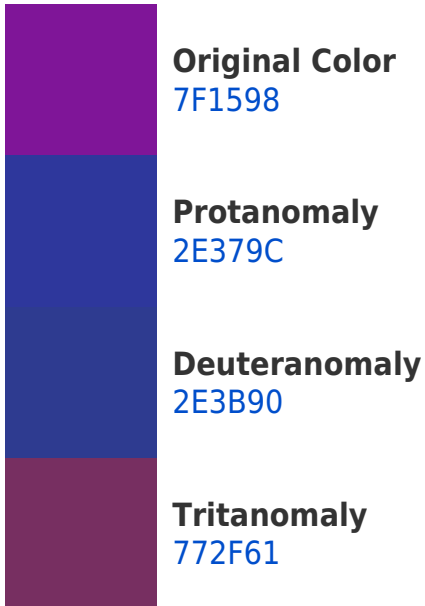
Dichromacy



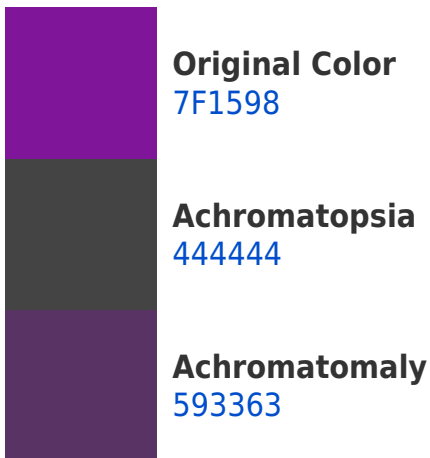


Tritanopia
733E42

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7F1598 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 #7F1598 looks like.

```
.text, #text, p{  
    color:#7F1598  
}
```

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 #7F1598 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F1598
}
```

Border

The CSS property to change the border of an element to Hex 7F1598 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".

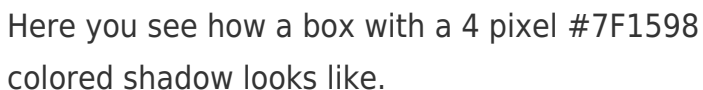
```
.border, #border, table{ border:4px solid
#7F1598 }
```

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

```
.border{ border-color:#7F1598 }
```

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

Here you see how a box with a 4 pixel #7F1598 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F1598; -webkit-box-shadow:4px 4px  
4px 4px #7F1598; box-shadow:4px 4px 4px  
4px #7F1598 }
```

Background

The CSS property to change the background color of an element to Hex 7F1598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F1598 }
```

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

```
.background{ background-color:#7F1598 }
```

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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