

Converting Colors

Hex(7F1983)

Have a look what the booklet for
Hex(7F1983) contains.

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Color

Hex(7F1983)

Conversions

Conversions Part 1

Format	Color
Hex	7F1983
RGB	127, 25, 131
RGB Percent	50%, 10%, 51%
CMY	0.5020, 0.9020, 0.4863
CMYK	0.03, 0.81, 0.00, 0.49
HSL	298°, 68%, 31%
HSV	298°, 81%, 51%
XYZ	13.1968, 6.8460, 22.0986
YIQ	67.5820, 26.7660, 54.5900

Conversions

Conversions Part 2

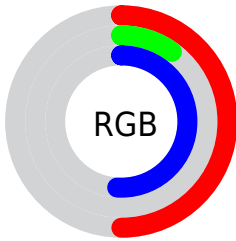
Format	Color
R_{YB}	127, 25, 131
Decimal	8329603
CIE _{Lab}	31.45, 54.37, -35.72
CIE _{LCh}	31, 65.050, 326.696
Yxy	6.8460, 0.3132, 0.1625
Android (android.graphics.Color)	4286519683 (0xFF7F1983)
YUV	67.5820, 31.2651, 52.1096
Hunter-Lab	26.1648, 44.2417, -31.7605

Details

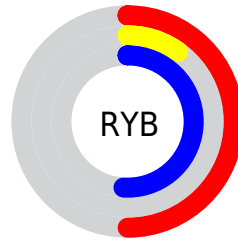
The Hex color **7F1983** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **1D8319**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **B753B9**, and **4A0051** is the 20% darker color. If you saturate the color by 10%, you get **7F0C83**, and if you desaturate by 10%, it is **7F2683**.

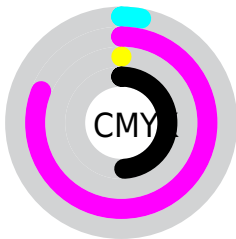
Distribution



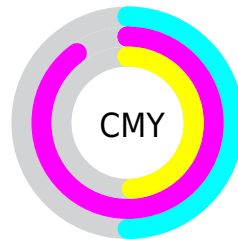
- Red (50%)
- Green (10%)
- Blue (51%)



- Red (50%)
- Yellow (10%)
- Blue (51%)



- Cyan (3%)
- Magenta (81%)
- Yellow (0%)
- Black (49%)



- Cyan (50%)
- Magenta (90%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F1983 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 7F1983 by changing the saturation by 10% instead.

 7F1983

 7F1983

FFFFFF

 640069

 B753B9

 4A0051

 D46ED4

 320039

 F189F1

 120023

 FFA4FF

 000009

 FFC1FF

 000000

 FFDDFF

 FFFBFF

 7F1983

 7F1983

■ 7F0C83

■ 7F2683

■ 7E0083

■ 803383

■ 804083

■ 814D83

■ 815A83

■ 826883

■ 827583

■ 838283

■ 838F83

Harmonies

Analogous

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



2A3FA7



7F1983



9C0052

Triad

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



7F1983



604600



005E77

Complementary

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



7F1983



1D8319

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.



005E43



7F1983



2E5400

Square

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



7F1983



862D00



005B05



005CA0

Rectangle

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



7F1983



9F0031



005B05



005E66

Sweetspot

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



7F1983



A982AB



191E83



563E57



D6D6D6



575757

Same Dimension

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



7F1983



A505AB



831953



423C42



7D0082



020003

Inverse Universe

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



83191D



AB050B



198349



423C3C



820005



030000

Previews

White Background



This preview shows how the Hex color 7F1983 looks on a white background.

Color Contrast Check

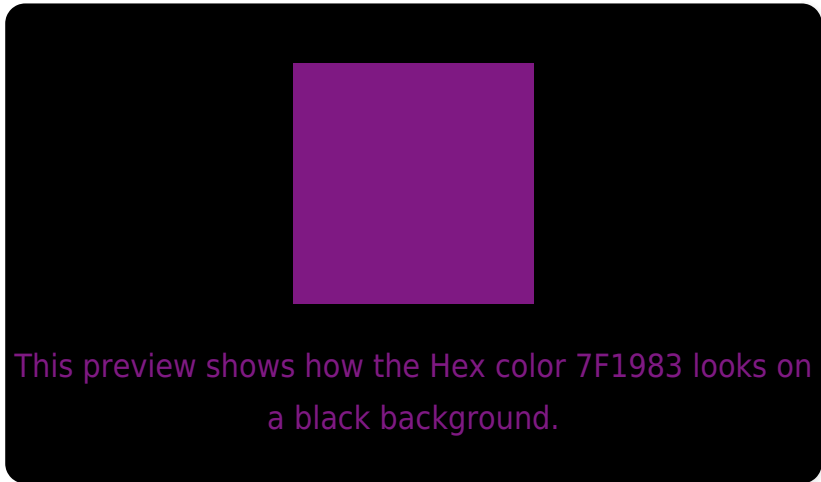
Large Text (above 18pt) WCAG AA ✓ Pass

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

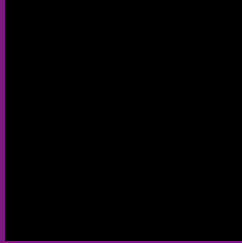
Any Text WCAG AA × Fail

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 7F1983 Background



This preview shows how black text looks on a background with the Hex color 7F1983.

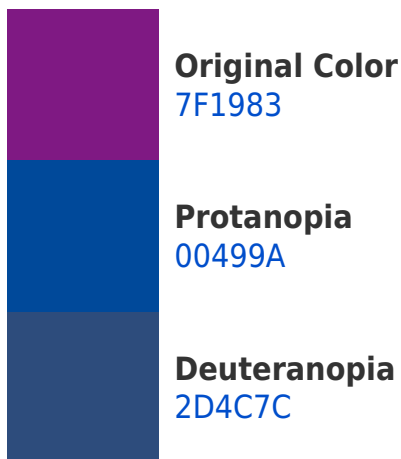


This preview shows how white text looks on a background with the Hex color 7F1983.

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
77373B

Trichromacy



Original Color
7F1983



Protanomaly
2E3892



Deuteranomaly
4B397F



Tritanomaly
7A2C55

Monochromacy



Original Color
7F1983



Achromatopsia
444444



Achromatomaly
59345B

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F1983 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 #7F1983 looks like.

```
.text, #text, p{  
    color:#7F1983  
}
```

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 #7F1983 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F1983
}
```

Border

The CSS property to change the border of an element to Hex 7F1983 is called "border". The border property can be set on classes, ids or directly on the HTML element.

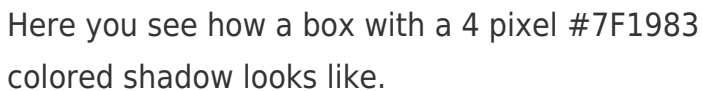
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F1983 }
```

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

```
.border{ border-color:#7F1983 }
```

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



Here you see how a box with a 4 pixel #7F1983 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F1983; -webkit-box-shadow:4px 4px  
4px 4px #7F1983; box-shadow:4px 4px 4px  
4px #7F1983 }
```

Background

The CSS property to change the background color of an element to Hex 7F1983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F1983 }
```

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

```
.background{ background-color:#7F1983 }
```

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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