

Converting Colors

Hex(80128F)

Have a look what the booklet for
Hex(80128F) contains.

Hex(80128F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(80128F)

Conversions

Conversions Part 1

Format	Color
Hex	80128F
RGB	128, 18, 143
RGB Percent	50%, 7%, 56%
CMY	0.4980, 0.9294, 0.4392
CMYK	0.10, 0.87, 0.00, 0.44
HSL	293°, 78%, 32%
HSV	293°, 87%, 56%
XYZ	14.0763, 7.0050, 26.5968
YIQ	65.1400, 25.4350, 62.1950

Conversions

Conversions Part 2

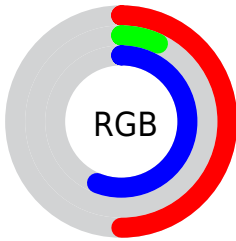
Format	Color
R _Y B	128, 18, 143
Decimal	8393359
CIE Lab	31.82, 58.42, -42.58
CIE LCh	32, 72.292, 323.917
Yxy	7.0050, 0.2952, 0.1469
Android (android.graphics.Color)	4286583439 (0xFF80128F)
YUV	65.1400, 38.3850, 55.1282
Hunter-Lab	26.4669, 48.6174, -41.0541

Details

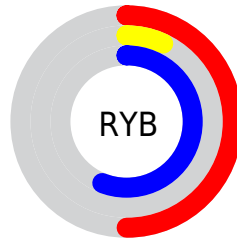
The Hex color **80128F** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **218F12**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **B850C5**, and **4A005C** is the 20% darker color. If you saturate the color by 10%, you get **7E048F**, and if you desaturate by 10%, it is **82208F**.

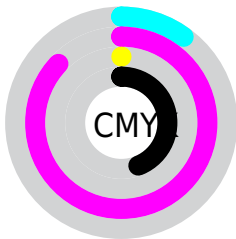
Distribution



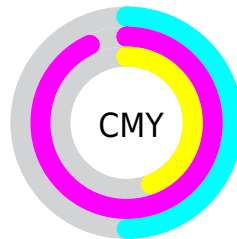
- Red (50%)
- Green (7%)
- Blue (56%)



- Red (50%)
- Yellow (7%)
- Blue (56%)



- Cyan (10%)
- Magenta (87%)
- Yellow (0%)
- Black (44%)



- Cyan (50%)
- Magenta (93%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80128F 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 80128F by changing the saturation by 10% instead.

 80128F

 80128F

FFFFFF

 650075

 B850C5

 4A005C

 D56BE2

 310044

 F387FF

 13002C

 FFA2FF

 000117

 FFBFFF

 000000

 FFDBFF

 FFF9FF

 80128F

 80128F

■ 7E048F

■ 82208F

■ 7E008F

■ 832F8F

■ 853D8F

■ 874B8F

■ 895A8F

■ 8A688F

■ 8C768F

■ 8E848F

■ 8F938F

Harmonies

Analogous

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



0042B5



80128F



A40059

Triad

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



80128F



664500



006178

Complementary

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



80128F



218F12

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.



00603D



80128F



2F5500

Square

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



80128F



8E2500



005C00



005FA8

Rectangle

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



80128F



A80034



005C00



006165

Sweetspot

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



80128F



B48ABA



12238F



5B415E



DEDEDE



5E5E5E

Same Dimension

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



80128F



A400BA



8F1261



474047



770087



070008

Inverse Universe

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



8F1221



BA0016



128F40



474041



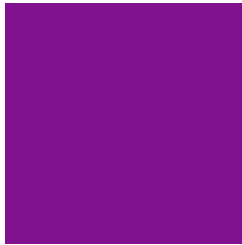
870010



080001

Previews

White Background



This preview shows how the Hex color 80128F looks on a white background.

Color Contrast Check

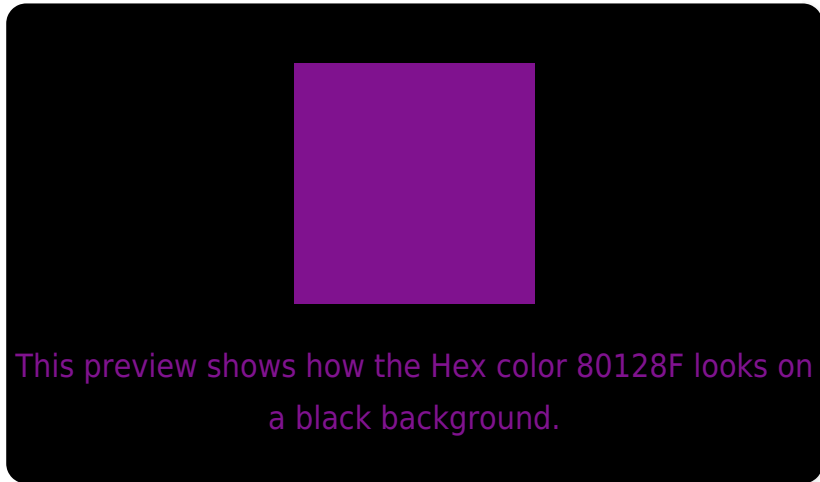
Large Text (above 18pt) WCAG AA ✓ Pass

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

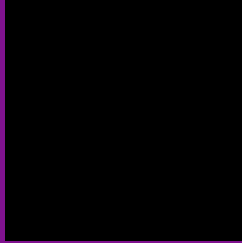
Any Text WCAG AA × Fail

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 80128F Background



This preview shows how black text looks on a background with the Hex color 80128F.

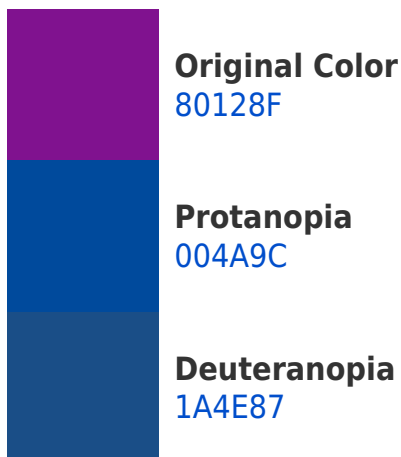


This preview shows how white text looks on a background with the Hex color 80128F.

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
763A3E

Trichromacy



Original Color
80128F



Protanomaly
2F3697



Deuteranomaly
3F388A



Tritanomaly
7A2B5B

Monochromacy



Original Color
80128F



Achromatopsia
414141



Achromatomaly
58305D

CSS Examples

Text

The CSS property to change the color of the text to Hex 80128F 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 #80128F looks like.

```
.text, #text, p{  
    color:#80128F  
}
```

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 #80128F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80128F
}
```

Border

The CSS property to change the border of an element to Hex 80128F is called "border". The border property can be set on classes, ids or directly on the HTML element.

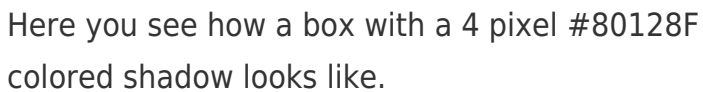
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80128F }
```

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

```
.border{ border-color:#80128F }
```

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



Here you see how a box with a 4 pixel #80128F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80128F; -webkit-box-shadow:4px 4px  
4px 4px #80128F; box-shadow:4px 4px 4px  
4px #80128F }
```

Background

The CSS property to change the background color of an element to Hex 80128F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80128F }
```

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

```
.background{ background-color:#80128F }
```

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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