

Converting Colors

Hex(820F84)

Have a look what the booklet for
Hex(820F84) contains.

Hex(820F84)	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(820F84)

Conversions

Conversions Part 1

Format	Color
Hex	820F84
RGB	130, 15, 132
RGB Percent	51%, 6%, 52%
CMY	0.4902, 0.9412, 0.4824
CMYK	0.02, 0.89, 0.00, 0.48
HSL	299°, 80%, 29%
HSV	299°, 89%, 52%
XYZ	13.5416, 6.7534, 22.4196
YIQ	62.7230, 30.9830, 60.7670

Conversions

Conversions Part 2

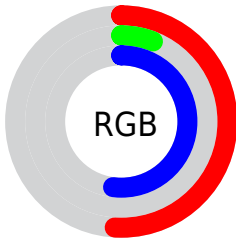
Format	Color
R_{YB}	130, 15, 132
Decimal	8523652
CIE _{Lab}	31.24, 57.53, -36.65
CIE _{LCh}	31, 68.214, 327.497
Y _{xy}	6.7534, 0.3170, 0.1581
Android (android.graphics.Color)	4286713732 (0xFF820F84)
Y _{UV}	62.7230, 34.1536, 59.0019
Hunter-Lab	25.9873, 47.5358, -32.9591

Details

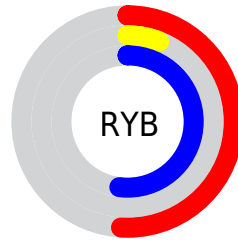
The Hex color **820F84** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **11840F**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **BA4EBA**, and **4C0052** is the 20% darker color. If you saturate the color by 10%, you get **820284**, and if you desaturate by 10%, it is **821C84**.

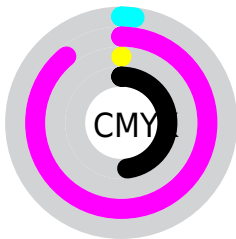
Distribution



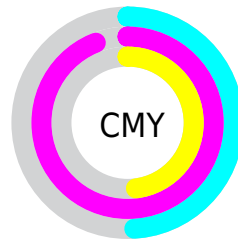
- Red (51%)
- Green (6%)
- Blue (52%)



- Red (51%)
- Yellow (6%)
- Blue (52%)



- Cyan (2%)
- Magenta (89%)
- Yellow (0%)
- Black (48%)



- Cyan (49%)
- Magenta (94%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 820F84 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 820F84 by changing the saturation by 10% instead.

 820F84

 820F84

FFFFFF

 67006A

 BA4EBA

 4C0052

 D76AD6

 34003A

 F585F2

 150024

 FFA1FF

 00000A

 FFBDFE

 000000

 FFDAFF

 FFF7FF

 820F84

 820F84

■ 820284

■ 821C84

■ 820084

■ 822984

■ 833784

■ 834484

■ 835184

■ 835E84

■ 846B84

■ 847984

■ 848684

Harmonies

Analogous

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



293DAA



820F84



A00051

Triad

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



820F84



5F4600



005F7A

Complementary

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



820F84



11840F

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



820F84



295400

Square

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



820F84



862B00



005B02



005CA5

Rectangle

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



820F84



A1002E



005B02



005E68

Sweetspot

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



820F84



AA7DAB



0F1384



563B57



D6D6D6



575757

Same Dimension

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



820F84



A800AB



840F4D



423C42



800082



030003

Inverse Universe

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



840F11



AB0003



0F8446



423C3C



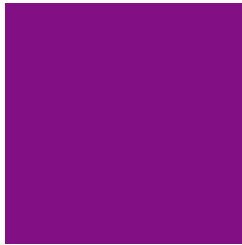
820002



030000

Previews

White Background



This preview shows how the Hex color 820F84 looks on a white background.

Color Contrast Check

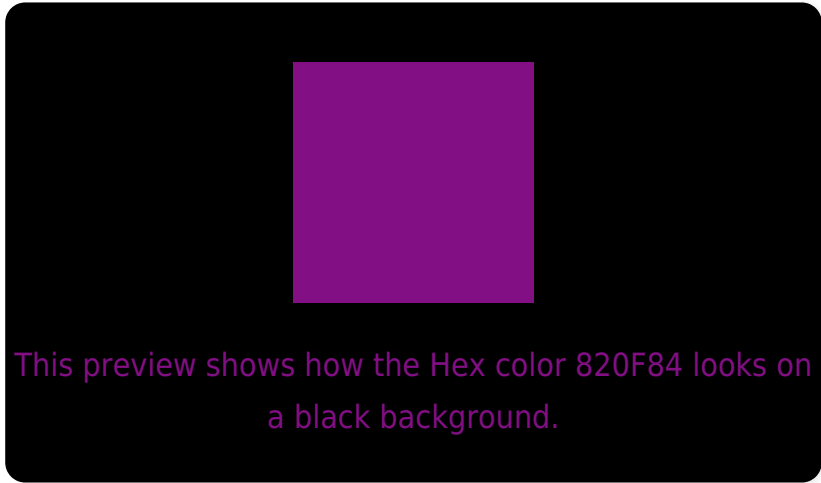
Large Text (above 18pt) WCAG AA ✓ Pass

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

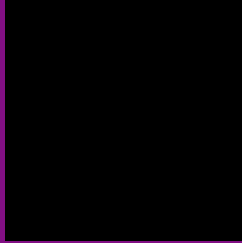
Any Text WCAG AA × Fail

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 820F84 Background



This preview shows how black text looks on a background with the Hex color 820F84.




This preview shows how white text looks on a background with the Hex color 820F84.

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
7A3539

Trichromacy



Original Color
820F84



Protanomaly
2F3492



Deuteranomaly
4B367F



Tritanomaly
7D2754

Monochromacy



Original Color
820F84



Achromatopsia
3F3F3F



Achromatomaly
572E58

CSS Examples

Text

The CSS property to change the color of the text to Hex 820F84 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 #820F84 looks like.

```
.text, #text, p{  
    color:#820F84  
}
```

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 #820F84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #820F84
}
```

Border

The CSS property to change the border of an element to Hex 820F84 is called "border". The border property can be set on classes, ids or directly on the HTML element.

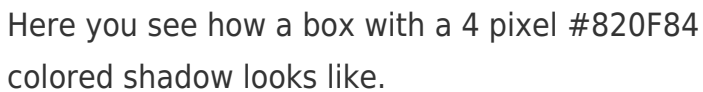
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#820F84 }
```

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

```
.border{ border-color:#820F84 }
```

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



Here you see how a box with a 4 pixel #820F84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #820F84; -webkit-box-shadow:4px 4px  
4px 4px #820F84; box-shadow:4px 4px 4px  
4px #820F84 }
```

Background

The CSS property to change the background color of an element to Hex 820F84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#820F84 }
```

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

```
.background{ background-color:#820F84 }
```

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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