

Converting Colors

Hex(820085)

Have a look what the booklet for
Hex(820085) contains.

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Color

Hex(820085)

Conversions

Conversions Part 1

Format	Color
Hex	820085
RGB	130, 0, 133
RGB Percent	51%, 0%, 52%
CMY	0.4902, 1.0000, 0.4784
CMYK	0.02, 1.00, 0.00, 0.48
HSL	299°, 100%, 26%
HSV	299°, 100%, 52%
XYZ	13.4396, 6.4393, 22.7249
YIQ	54.0320, 34.7870, 68.9230

Conversions

Conversions Part 2

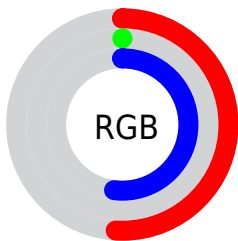
Format	Color
R_{YB}	130, 0, 133
Decimal	8519813
CIE _{Lab}	30.49, 60.08, -38.47
CIE _{LCh}	30, 71.340, 327.367
Yxy	6.4393, 0.3155, 0.1511
Android (android.graphics.Color)	4286709893 (0xFF820085)
YUV	54.0320, 38.9312, 66.6239
Hunter-Lab	25.3757, 50.1300, -35.3333

Details

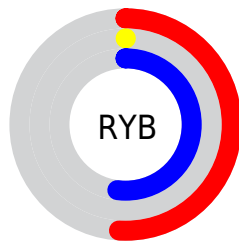
The Hex color **820085** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **038500**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **BA49BB**, and **4C0053** is the 20% darker color. If you saturate the color by 10%, you get **820085**, and if you desaturate by 10%, it is **820D85**.

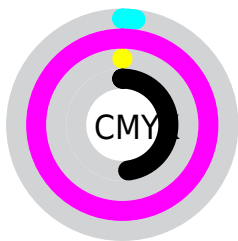
Distribution



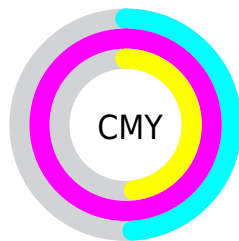
- Red (51%)
- Green (0%)
- Blue (52%)



- Red (51%)
- Yellow (0%)
- Blue (52%)



- Cyan (2%)
- Magenta (100%)
- Yellow (0%)
- Black (48%)



- Cyan (49%)
- Magenta (100%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 820085 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 820085 by changing the saturation by 10% instead.

 820085

 820085

FFFFFF

 67006B

 BA49BB

 4C0053

 D765D7

 34003B

 F580F3

 140024

 FF9CFF

 00000C

 FFB9FF

 000000

 FFD5FF

 FFF3FF

 820085

 820D85

 831B85

 832885

 833585

 844385

 845085

 845D85

 846A85

 857885

Harmonies

Analogous

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



1E3BAD



820085



A1004F

Triad

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



820085



5D4400



005D7A

Complementary

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



820085



038500

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.



005C41



820085



235300

Square

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



820085



862700



005900



005BA7

Rectangle

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



820085



A3002B



005900



005D68

Sweetspot

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



820085



AC79AD



000485



563757



D6D6D6



575757

Same Dimension

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



820085



A900AD



850047



423C42



7F0082



020003

Inverse Universe

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



850003



AD0004



00853E



423C3C



820003



030000

Previews

White Background



This preview shows how the Hex color 820085 looks on a white background.

Color Contrast Check

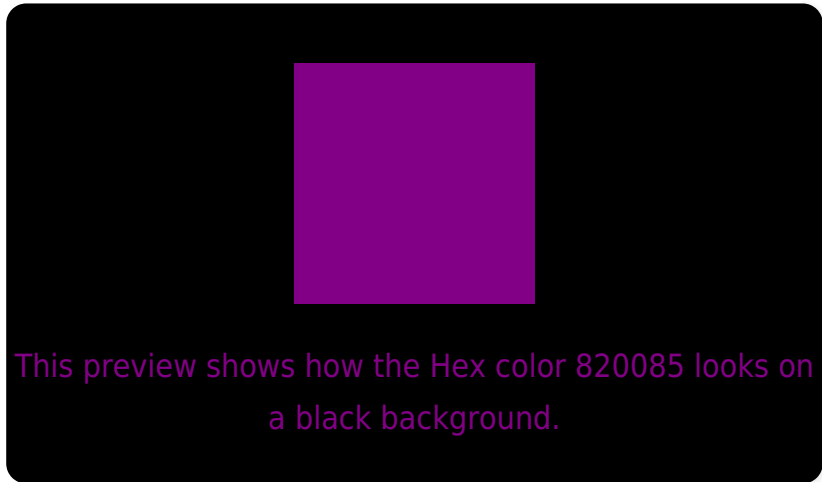
Large Text (above 18pt) WCAG AA ✓ Pass

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

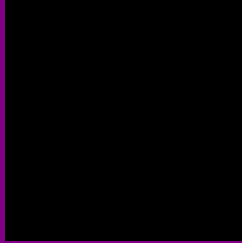
Any Text WCAG AA × Fail

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 820085 Background



This preview shows how black text looks on a background with the Hex color 820085.




This preview shows how white text looks on a background with the Hex color 820085.

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



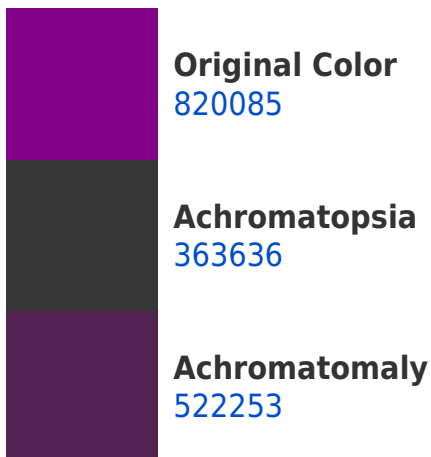


Tritanopia
793438

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 820085 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 #820085 looks like.

```
.text, #text, p{  
    color:#820085  
}
```

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 #820085 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #820085
}
```

Border

The CSS property to change the border of an element to Hex 820085 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
#820085 }
```

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

```
.border{ border-color:#820085 }
```

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

Here you see how a box with a 4 pixel #820085 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #820085; -webkit-box-shadow:4px 4px  
4px 4px #820085; box-shadow:4px 4px 4px  
4px #820085 }
```

Background

The CSS property to change the background color of an element to Hex 820085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#820085 }
```

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

```
.background{ background-color:#820085 }
```

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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