

Converting Colors

Hex(820066)

Have a look what the booklet for
Hex(820066) contains.

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Color

Hex(820066)

Conversions

Conversions Part 1

Format	Color
Hex	820066
RGB	130, 0, 102
RGB Percent	51%, 0%, 40%
CMY	0.4902, 1.0000, 0.6000
CMYK	0.00, 1.00, 0.22, 0.49
HSL	313°, 100%, 25%
HSV	313°, 100%, 51%
XYZ	11.6042, 5.7051, 13.0600
YIQ	50.4980, 44.7380, 59.2820

Conversions

Conversions Part 2

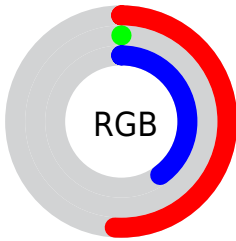
Format	Color
R_{YB}	130, 0, 102
Decimal	8519782
CIE _{Lab}	28.66, 55.56, -21.64
CIE _{LCh}	29, 59.627, 338.720
Yxy	5.7051, 0.3821, 0.1879
Android (android.graphics.Color)	4286709862 (0xFF820066)
YUV	50.4980, 25.3905, 69.7233
Hunter-Lab	23.8854, 44.9207, -15.6985

Details

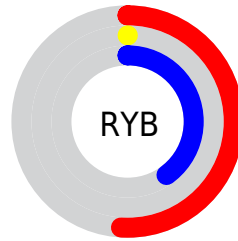
The Hex color **820066** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **00821C**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **BA4799**, and **4C0037** is the 20% darker color. If you saturate the color by 10%, you get **820066**, and if you desaturate by 10%, it is **820D69**.

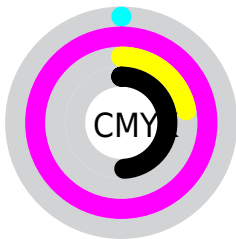
Distribution



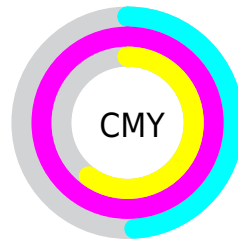
- Red (51%)
- Green (0%)
- Blue (40%)



- Red (51%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (22%)
- Black (49%)



- Cyan (49%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 820066 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 820066 by changing the saturation by 10% instead.

 820066

 820066

FFFFFF

 67004E

 BA4799

 4C0037

 D862B4

 340021

 F57ED0

 0E0005

 FF9AEC

 000000

 FFB6FF

 FFD2FF

 FFF0FF

 820066

■ 820D69

■ 821A6C

■ 82276E

■ 823471

■ 824174

■ 824E77

■ 825B7A

■ 82687C

■ 82757F

Harmonies

Analogous

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



522F8D



820066



910039

Triad

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



820066



484600



00567D

Complementary

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



820066



00821C

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.



005650



820066



0B5000

Square

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



820066



6D3400



00541F



00529B

Rectangle

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



820066



8D001B



00541F



00566F

Sweetspot

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



820066



A8769D



1A0082



54364E



D4D4D4



545454

Same Dimension

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



820066



A80084



820027



40393E



800064



000000

Inverse Universe

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



820066



A80084



00825B



40393E



800064



000000

Previews

White Background



This preview shows how the Hex color 820066 looks on a white background.

Color Contrast Check

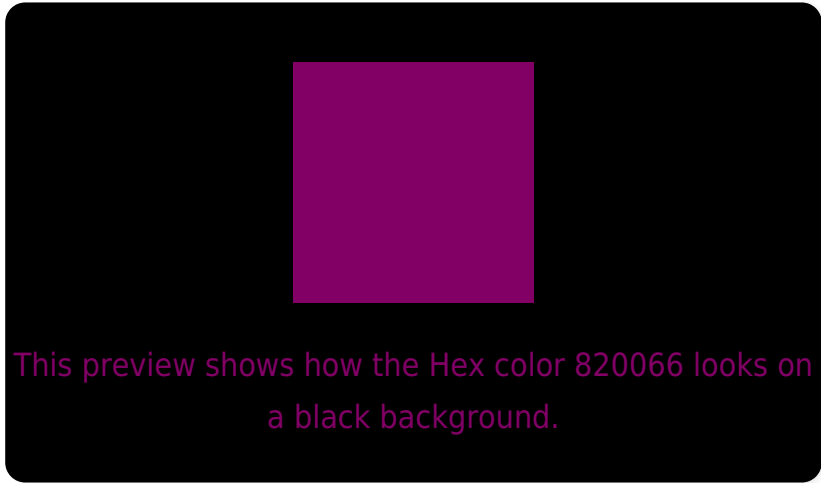
Large Text (above 18pt) WCAG AA ✓ Pass

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

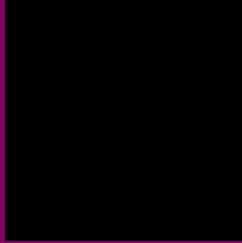
Any Text WCAG AA × Fail

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 820066 Background



This preview shows how black text looks on a background with the Hex color 820066.



This preview shows how white text looks on a background with the Hex color 820066.

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
7D282A

Trichromacy



Original Color
820066

Protanomaly
372B81

Deuteranomaly
582D62

Tritanomaly
7F1940

Monochromacy



Original Color
820066

Achromatopsia
323232

Achromatomaly
4F2045

CSS Examples

Text

The CSS property to change the color of the text to Hex 820066 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 #820066 looks like.

```
.text, #text, p{  
    color:#820066  
}
```

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 #820066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #820066
}
```

Border

The CSS property to change the border of an element to Hex 820066 is called "border". The border property can be set on classes, ids or directly on the HTML element.

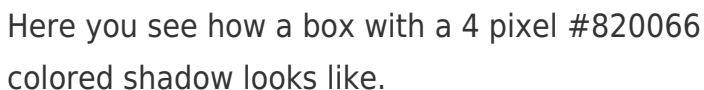
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#820066 }
```

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

```
.border{ border-color:#820066 }
```

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



Here you see how a box with a 4 pixel #820066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #820066; -webkit-box-shadow:4px 4px  
4px 4px #820066; box-shadow:4px 4px 4px  
4px #820066 }
```

Background

The CSS property to change the background color of an element to Hex 820066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#820066 }
```

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

```
.background{ background-color:#820066 }
```

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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