

Converting Colors

Hex(080082)

Have a look what the booklet for
Hex(080082) contains.

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Color

Hex(080082)

Conversions

Conversions Part 1

Format	Color
Hex	080082
RGB	8, 0, 130
RGB Percent	3%, 0%, 51%
CMY	0.9686, 1.0000, 0.4902
CMYK	0.94, 1.00, 0.00, 0.49
HSL	244°, 100%, 25%
HSV	244°, 100%, 51%
XYZ	4.1294, 1.6633, 21.2225
YIQ	17.2120, -36.9620, 42.1260

Conversions

Conversions Part 2

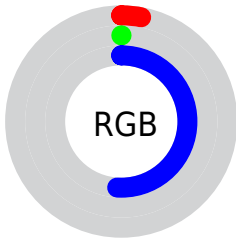
Format	Color
RYB	8, 0, 130
Decimal	524418
CIELab	13.61, 48.14, -64.91
CIELCh	14, 80.811, 306.564
Yxy	1.6633, 0.1529, 0.0616
Android (android.graphics.Color)	4278714498 (0xFF080082)
YUV	17.2120, 55.6045, -8.0789
Hunter-Lab	12.8970, 34.5829, -88.5359

Details

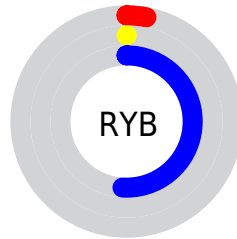
The Hex color **080082** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **7A8200**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **5533B8**, and **00004F** is the 20% darker color. If you saturate the color by 10%, you get **080082**, and if you desaturate by 10%, it is **140D82**.

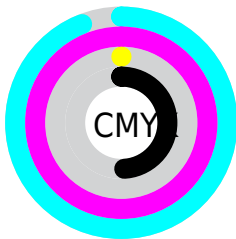
Distribution



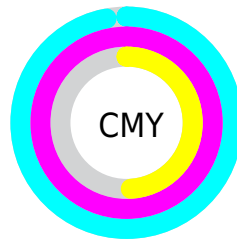
- Red (3%)
- Green (0%)
- Blue (51%)



- Red (3%)
- Yellow (0%)
- Blue (51%)



- Cyan (94%)
- Magenta (100%)
- Yellow (0%)
- Black (49%)



- Cyan (97%)
- Magenta (100%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 080082 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 080082 by changing the saturation by 10% instead.

 080082

 080082

 FFEDFF

 000068

 5533B8

 00004F

 734CD5

 000537

 9065F1

 000221

 AD7FFF

 000005

 CB99FF

 000000

 E8B5FF

 FFD1FF

 080082

■ 140D82

■ 201A82

■ 2D2782

■ 393482

■ 454182

■ 514E82

■ 5D5B82

■ 6A6882

■ 767582

Harmonies

Analogous

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



002C9A



080082



680051

Triad

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



080082



4D0400



00322F

Complementary

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



080082



7A8200

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.



003100



080082



212600

Square

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



080082



6C0000



002F00



003667

Rectangle

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



080082



77002C



002F00



00321B

Sweetspot

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



080082



7976A8



007C82



383654



D4D4D4



545454

Same Dimension

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



080082



0A00A8



470082



3A3940



080080



000000

Inverse Universe

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



82007A



A8009E



3A8200



40393F



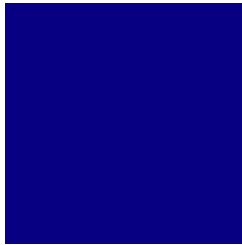
800078



000000

Previews

White Background



This preview shows how the Hex color 080082 looks on a white background.

Color Contrast Check

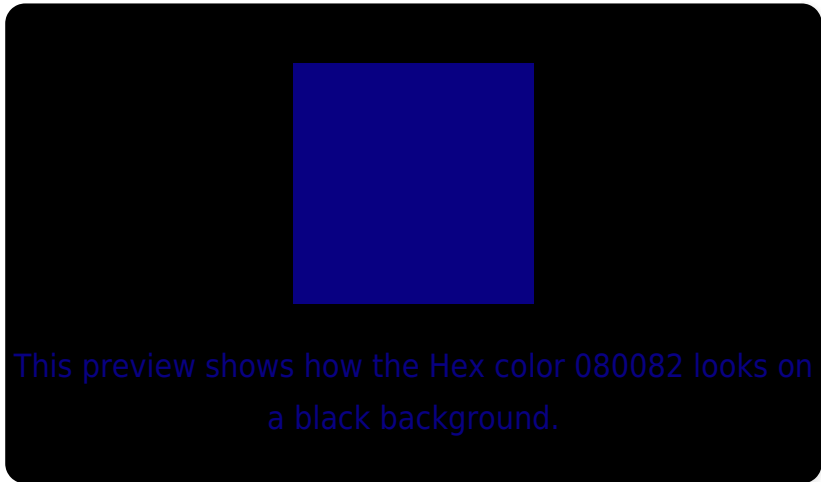
Large Text (above 18pt) WCAG AA ✓ Pass

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

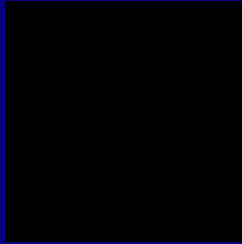
Any Text WCAG AA × Fail

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 080082 Background



This preview shows how black text looks on a background with the Hex color 080082.



This preview shows how white text looks on a background with the Hex color 080082.

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



Original Color
080082

Protanopia
002650

Deuteranopia
002944

Trichromacy



Original Color
080082

Protanomaly
031862

Deuteranomaly
031A5B

Tritanomaly
031C4D

Monochromacy



Original Color
080082

Achromatopsia
111111

Achromatomaly
0E0B3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 080082 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 #080082 looks like.

```
.text, #text, p{  
    color:#080082  
}
```

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 #080082 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #080082
}
```

Border

The CSS property to change the border of an element to Hex 080082 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".

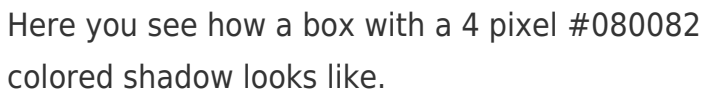
```
.border, #border, table{ border:4px solid
#080082 }
```

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

```
.border{ border-color:#080082 }
```

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

Here you see how a box with a 4 pixel #080082 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin blue border on the top and left sides, and a thicker dark blue border on the bottom and right sides. The shadow is a dark blue rectangle that is slightly offset to the bottom and right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #080082; -webkit-box-shadow:4px 4px  
4px 4px #080082; box-shadow:4px 4px 4px  
4px #080082 }
```

Background

The CSS property to change the background color of an element to Hex 080082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#080082 }
```

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

```
.background{ background-color:#080082 }
```

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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