

Converting Colors

Hex(080093)

Have a look what the booklet for
Hex(080093) contains.

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Color

Hex(080093)

Conversions

Conversions Part 1

Format	Color
Hex	080093
RGB	8, 0, 147
RGB Percent	3%, 0%, 58%
CMY	0.9686, 1.0000, 0.4235
CMYK	0.95, 1.00, 0.00, 0.42
HSL	243°, 100%, 29%
HSV	243°, 100%, 58%
XYZ	5.3666, 2.1582, 27.7375
YIQ	19.1500, -42.4190, 47.4130

Conversions

Conversions Part 2

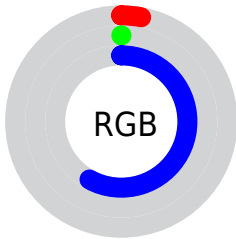
Format	Color
RYB	8, 0, 147
Decimal	524435
CIELab	16.30, 52.61, -71.10
CIELCh	16, 88.448, 306.499
Yxy	2.1582, 0.1522, 0.0612
Android (android.graphics.Color)	4278714515 (0xFF080093)
YUV	19.1500, 63.0300, -9.7785
Hunter-Lab	14.6908, 39.4975, -101.6607

Details

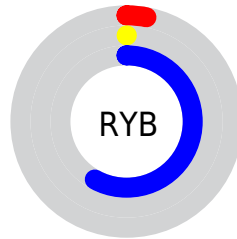
The Hex color **080093** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **8B9300**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **5B36CA**, and **00005F** is the 20% darker color. If you saturate the color by 10%, you get **080093**, and if you desaturate by 10%, it is **160F93**.

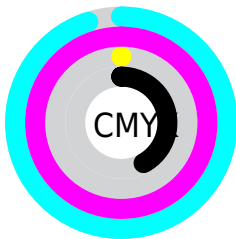
Distribution



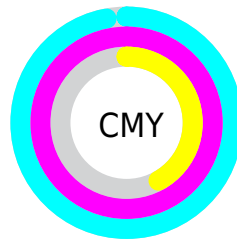
- Red (3%)
- Green (0%)
- Blue (58%)



- Red (3%)
- Yellow (0%)
- Blue (58%)



- Cyan (95%)
- Magenta (100%)
- Yellow (0%)
- Black (42%)



- Cyan (97%)
- Magenta (100%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 080093 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 080093 by changing the saturation by 10% instead.

 080093

 080093

 FFF2FF

 000078

 5B36CA

 00005F

 794FE7

 000846

 9769FF

 00042E

 B583FF

 000119

 D39EFF

 000000

 F1B9FF

 FFD5FF

 080093

■ 160F93

■ 241D93

■ 322C93

■ 403B93

■ 4E4A93

■ 5B5893

■ 696793

■ 777693

■ 858493

Harmonies

Analogous

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



0033AE



080093



75005D

Triad

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



080093



580400



003A36

Complementary

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



080093



8B9300

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.



003900



080093



272B00

Square

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



080093



7A0000



003600



003E75

Rectangle

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



080093



870033



003600



00391F

Sweetspot

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



080093



8986BF



008C93



403E61



E0E0E0



616161

Same Dimension

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



080093



0A00BF



510093



43434A



07008A



01000A

Inverse Universe

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



93008B



BF00B5



429300



4A434A



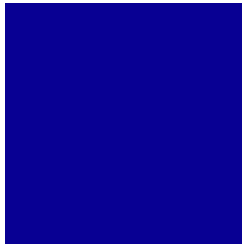
8A0082



0A000A

Previews

White Background



This preview shows how the Hex color 080093 looks on a white background.

Color Contrast Check

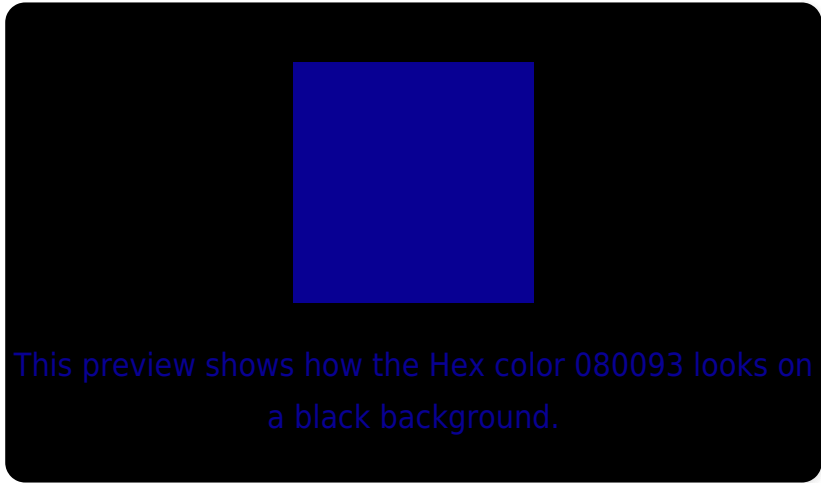
Large Text (above 18pt) WCAG AA ✓ Pass

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

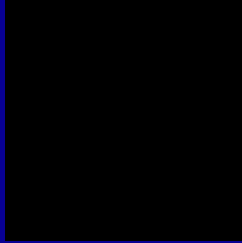
Any Text WCAG AA × Fail

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 080093 Background



This preview shows how black text looks on a background with the Hex color 080093.



This preview shows how white text looks on a background with the Hex color 080093.

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
080093

Protanopia
002B5A

Deuteranopia
002E4C

Trichromacy



Original Color
080093

Protanomaly
031B6F

Deuteranomaly
031D66

Tritanomaly
032057

Monochromacy



Original Color
080093

Achromatopsia
131313

Achromatomaly
0F0C42

CSS Examples

Text

The CSS property to change the color of the text to Hex 080093 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 #080093 looks like.

```
.text, #text, p{  
    color:#080093  
}
```

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 #080093 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #080093
}
```

Border

The CSS property to change the border of an element to Hex 080093 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
#080093 }
```

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

```
.border{ border-color:#080093 }
```

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

Here you see how a box with a 4 pixel #080093 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #080093; -webkit-box-shadow:4px 4px  
4px 4px #080093; box-shadow:4px 4px 4px  
4px #080093 }
```

Background

The CSS property to change the background color of an element to Hex 080093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#080093 }
```

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

```
.background{ background-color:#080093 }
```

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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