

Converting Colors

Hex(0D0F80)

Have a look what the booklet for
Hex(0D0F80) contains.

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Color

Hex(0D0F80)

Conversions

Conversions Part 1

Format	Color
Hex	0D0F80
RGB	13, 15, 128
RGB Percent	5%, 6%, 50%
CMY	0.9490, 0.9412, 0.4980
CMYK	0.90, 0.88, 0.00, 0.50
HSL	239°, 82%, 28%
HSV	239°, 90%, 50%
XYZ	4.2331, 1.9857, 20.5822
YIQ	27.2840, -37.4650, 34.7190

Conversions

Conversions Part 2

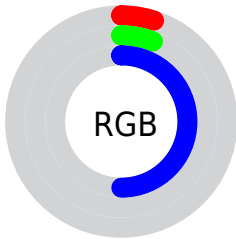
Format	Color
RYB	13, 15, 128
Decimal	855936
CIELab	15.41, 41.84, -60.62
CIELCh	15, 73.657, 304.609
Yxy	1.9857, 0.1579, 0.0741
Android (android.graphics.Color)	4279046016 (0xFF0D0F80)
YUV	27.2840, 49.6530, -12.5271
Hunter-Lab	14.0916, 28.9608, -76.7352

Details

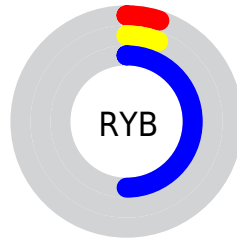
The Hex color **0D0F80** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **807E0D**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **553DB6**, and **00004D** is the 20% darker color. If you saturate the color by 10%, you get **000280**, and if you desaturate by 10%, it is **1A1C80**.

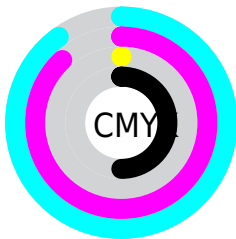
Distribution



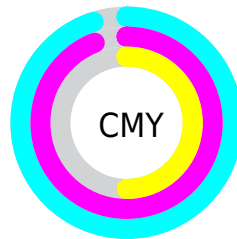
- Red (5%)
- Green (6%)
- Blue (50%)



- Red (5%)
- Yellow (6%)
- Blue (50%)



- Cyan (90%)
- Magenta (88%)
- Yellow (0%)
- Black (50%)



- Cyan (95%)
- Magenta (94%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D0F80 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 0D0F80 by changing the saturation by 10% instead.

 0D0F80

 0D0F80

 FFF7FF

 000066


 553DB6

 00004D

 7256D2

 000535

 8F6FEF

 00021F

 AC88FF

 000002

 C9A3FF

 000000

 E6BEFF

 FFDBFF

 0D0F80

 0D0F80

■ 000280

■ 1A1C80

■ 272880

■ 333580

■ 404180

■ 4D4E80

■ 5A5A80

■ 676780

■ 737480

■ 808080

Harmonies

Analogous

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



002F94



0D0F80



650055

Triad

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



0D0F80



520A00



00372E

Complementary

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



0D0F80



807E0D

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.



003600



0D0F80



2A2800

Square

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



0D0F80



6E0000



003200



003962

Rectangle

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



0D0F80



750033



003200



00371B

Sweetspot

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



0D0F80



797AA6



0D807C



393A54



D4D4D4



545454

Same Dimension

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



0D0F80



0003A6



430D80



393940



000280



000000

Inverse Universe

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



800D0F



A60003



4A800D



403939



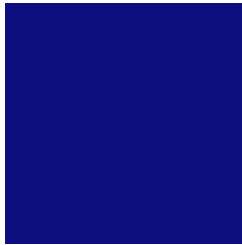
800002



000000

Previews

White Background



This preview shows how the Hex color 0D0F80 looks on a white background.

Color Contrast Check

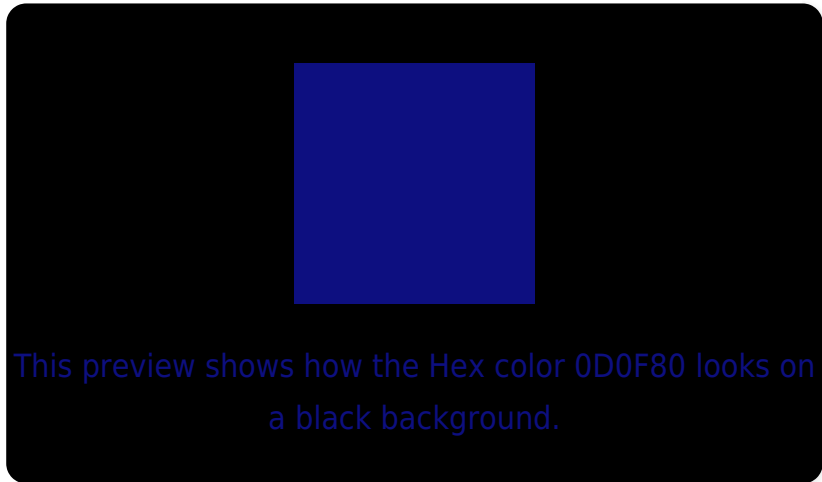
Large Text (above 18pt) WCAG AA ✓ Pass

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

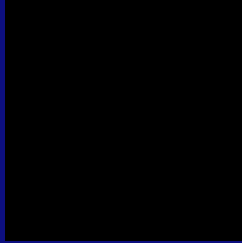
Any Text WCAG AA × Fail

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 0D0F80 Background



This preview shows how black text looks on a background with the Hex color 0D0F80.



This preview shows how white text looks on a background with the Hex color 0D0F80.

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
0D0F80

Protanopia
002752

Deuteranopia
002A46



Tritanopia
002D2F

Trichromacy



Original Color
0D0F80

Protanomaly
051E63

Deuteranomaly
05205B

Tritanomaly
05224C

Monochromacy



Original Color
0D0F80

Achromatopsia
1B1B1B

Achromatomaly
161740

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D0F80 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 #0D0F80 looks like.

```
.text, #text, p{  
    color:#0D0F80  
}
```

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 #0D0F80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D0F80
}
```

Border

The CSS property to change the border of an element to Hex 0D0F80 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".

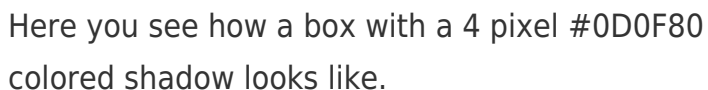
```
.border, #border, table{ border:4px solid
#0D0F80 }
```

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

```
.border{ border-color:#0D0F80 }
```

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

Here you see how a box with a 4 pixel #0D0F80 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D0F80; -webkit-box-shadow:4px 4px  
4px 4px #0D0F80; box-shadow:4px 4px 4px  
4px #0D0F80 }
```

Background

The CSS property to change the background color of an element to Hex 0D0F80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D0F80 }
```

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

```
.background{ background-color:#0D0F80 }
```

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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