

Converting Colors

Hex(0D0D91)

Have a look what the booklet for
Hex(0D0D91) contains.

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Color

Hex(0D0D91)

Conversions

Conversions Part 1

Format	Color
Hex	0D0D91
RGB	13, 13, 145
RGB Percent	5%, 5%, 57%
CMY	0.9490, 0.9490, 0.4314
CMYK	0.91, 0.91, 0.00, 0.43
HSL	240°, 84%, 31%
HSV	240°, 91%, 57%
XYZ	5.4207, 2.4177, 26.9690
YIQ	28.0480, -42.3720, 41.0520

Conversions

Conversions Part 2

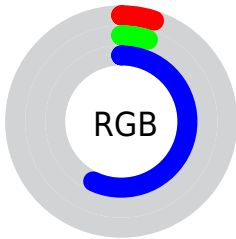
Format	Color
RYB	13, 13, 145
Decimal	855441
CIELab	17.54, 47.88, -67.77
CIELCh	18, 82.979, 305.242
Yxy	2.4177, 0.1557, 0.0695
Android (android.graphics.Color)	4279045521 (0xFF0D0D91)
YUV	28.0480, 57.6573, -13.1971
Hunter-Lab	15.5491, 35.0178, -91.9507

Details

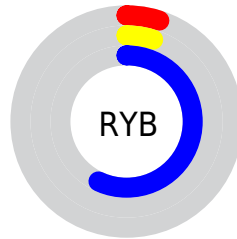
The Hex color **0D0D91** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **91910D**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **5B3EC8**, and **00005D** is the 20% darker color. If you saturate the color by 10%, you get **000091**, and if you desaturate by 10%, it is **1C1C91**.

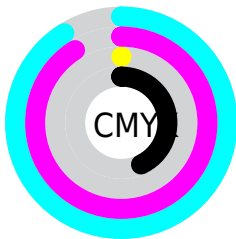
Distribution



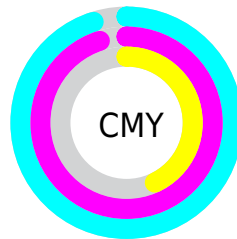
- Red (5%)
- Green (5%)
- Blue (57%)



- Red (5%)
- Yellow (5%)
- Blue (57%)



- Cyan (91%)
- Magenta (91%)
- Yellow (0%)
- Black (43%)



- Cyan (95%)
- Magenta (95%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D0D91 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 0D0D91 by changing the saturation by 10% instead.

 0D0D91

 0D0D91

 FFF9FF

 000076

 5B3EC8

 00005D

 7957E5

 000844

 9670FF

 00032D

 B48AFF

 000117

 D1A5FF

 000000

 EFC0FF

 FFDDFF

 0D0D91

 0D0D91

■ 000091

■ 1C1C91

■ 2A2A91

■ 393991

■ 474791

■ 565691

■ 646491

■ 737391

■ 818191

■ 909091

Harmonies

Analogous

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



0035A9



0D0D91



73005F

Triad

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



0D0D91



5B0900



003D35

Complementary

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



0D0D91



91910D

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.



003C00



0D0D91



2D2D00

Square

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



0D0D91



7B0000



003700



003F71

Rectangle

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



0D0D91



850038



003700



003D20

Sweetspot

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



0D0D91



8A8ABD



0D9191



40405E



DEDEDE



5E5E5E

Same Dimension

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



0D0D91



0000BD



4F0D91



404047



000087



000008

Inverse Universe

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



910D91



BD00BD



4F910D



474047



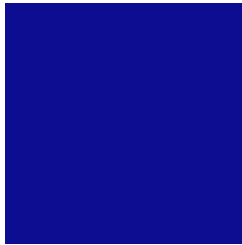
870087



080008

Previews

White Background



This preview shows how the Hex color 0D0D91 looks on a white background.

Color Contrast Check

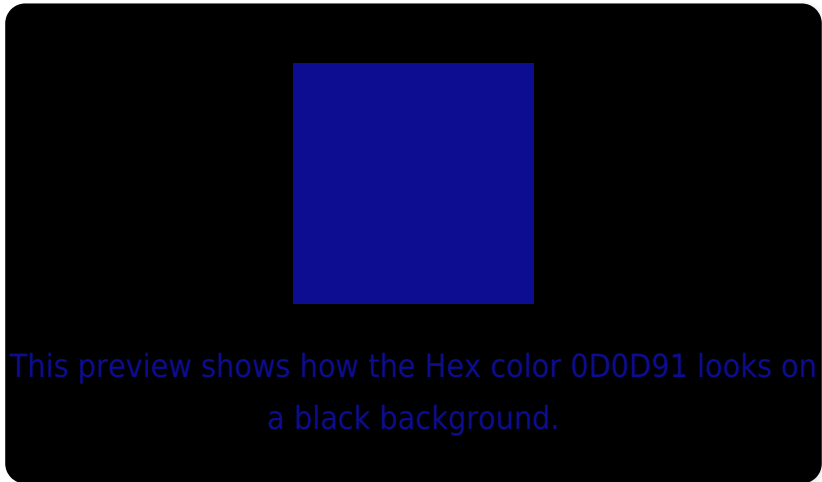
Large Text (above 18pt) WCAG AA ✓ Pass

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

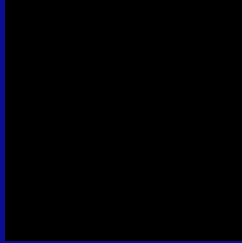
Any Text WCAG AA × Fail

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 0D0D91 Background



This preview shows how black text looks on a background with the Hex color 0D0D91.



This preview shows how white text looks on a background with the Hex color 0D0D91.

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
0D0D91

Protanopia
002C5B

Deuteranopia
002F4D

Trichromacy



Original Color
0D0D91

Protanomaly
05216F

Deuteranomaly
052366

Tritanomaly
052556

Monochromacy



Original Color
0D0D91

Achromatopsia
1C1C1C

Achromatomaly
171747

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D0D91 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 #0D0D91 looks like.

```
.text, #text, p{  
    color:#0D0D91  
}
```

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 #0D0D91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D0D91
}
```

Border

The CSS property to change the border of an element to Hex 0D0D91 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
#0D0D91 }
```

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

```
.border{ border-color:#0D0D91 }
```

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

Here you see how a box with a 4 pixel #0D0D91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D0D91; -webkit-box-shadow:4px 4px  
4px 4px #0D0D91; box-shadow:4px 4px 4px  
4px #0D0D91 }
```

Background

The CSS property to change the background color of an element to Hex 0D0D91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D0D91 }
```

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

```
.background{ background-color:#0D0D91 }
```

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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