

Converting Colors

Hex(0D186B)

Have a look what the booklet for
Hex(0D186B) contains.

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Color

Hex(0D186B)

Conversions

Conversions Part 1

Format	Color
Hex	0D186B
RGB	13, 24, 107
RGB Percent	5%, 9%, 42%
CMY	0.9490, 0.9059, 0.5804
CMYK	0.88, 0.78, 0.00, 0.58
HSL	233°, 78%, 24%
HSV	233°, 88%, 42%
XYZ	3.1465, 1.8004, 14.0916
YIQ	30.1730, -33.1990, 23.4810

Conversions

Conversions Part 2

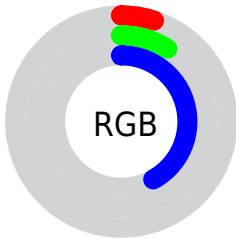
Format	Color
R_{YB}	13, 23, 107
Decimal	858219
CIE _{Lab}	14.40, 29.50, -48.75
CIE _{LCh}	14, 56.977, 301.181
Yxy	1.8004, 0.1653, 0.0946
Android (android.graphics.Color)	4279048299 (0xFF0D186B)
YUV	30.1730, 37.8757, -15.0607
Hunter-Lab	13.4178, 18.3769, -52.8749

Details

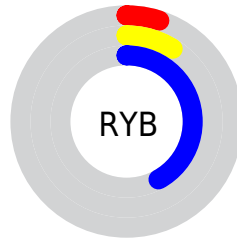
The Hex color **0D186B** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **6B600D**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **4D449F**, and **00013A** is the 20% darker color. If you saturate the color by 10%, you get **020F6B**, and if you desaturate by 10%, it is **18216B**.

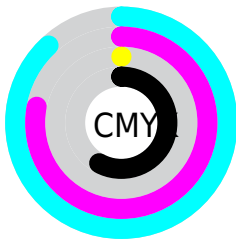
Distribution



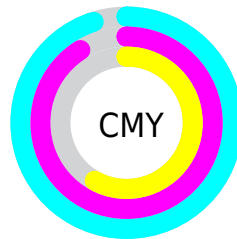
- Red (5%)
- Green (9%)
- Blue (42%)



- Red (5%)
- Yellow (9%)
- Blue (42%)



- Cyan (88%)
- Magenta (78%)
- Yellow (0%)
- Black (58%)



- Cyan (95%)
- Magenta (91%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D186B 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 0D186B by changing the saturation by 10% instead.

0D186B

0D186B

FFFCFF

000252

4D449F

00013A

695BBB

000224

8474D7

00000B

A08EF4

000000

BCA8FF

D9C4FF

F7E0FF

0D186B

0D186B

■ 020F6B

■ 18216B

■ 000D6B

■ 222B6B

■ 2D346B

■ 383E6B

■ 42476B

■ 4D516B

■ 585A6B

■ 63646B

■ 6D6D6B

Harmonies

Analogous

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



002B77



0D186B



52004C

Triad

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



0D186B



4B0E00



003325

Complementary

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



0D186B



6B600D

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



0D186B



2D2400

Square

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



0D186B



5F0000



002D00



00344E

Rectangle

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



0D186B



610032



002D00



003317

Sweetspot

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



0D186B



686C8C



0D6B5E



313447



C7C7C7



474747

Same Dimension

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



0D186B



00108C



2F0D6B



303136



000E75



001DF5

Inverse Universe

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



6B0D18



8C0010



496B0D



363031



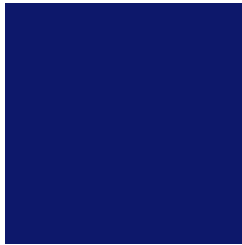
75000E



F5001D

Previews

White Background



This preview shows how the Hex color 0D186B looks on a white background.

Color Contrast Check

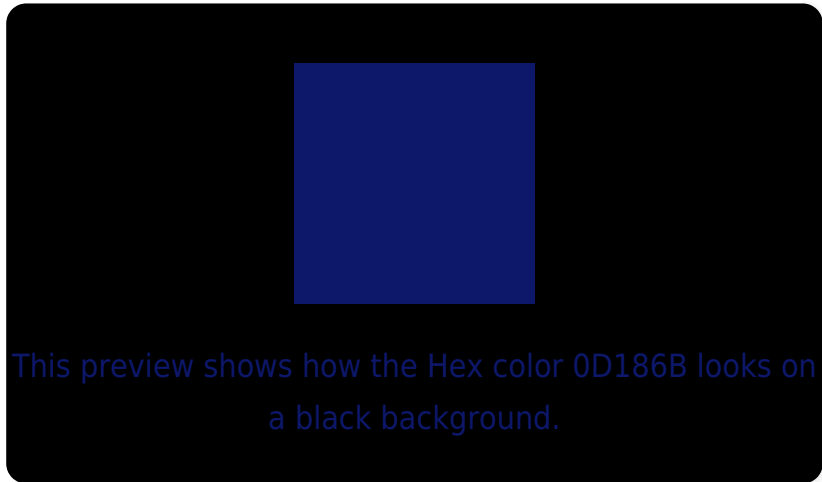
Large Text (above 18pt) WCAG AA ✓ Pass

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

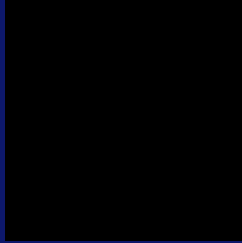
Any Text WCAG AA × Fail

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 0D186B Background



This preview shows how black text looks on a background with the Hex color 0D186B.



This preview shows how white text looks on a background with the Hex color 0D186B.

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
0D186B

Protanopia
00244C

Deuteranopia
002741

Trichromacy



Original Color
0D186B

Protanomaly
052057

Deuteranomaly
052250

Tritanomaly
052343

Monochromacy



Original Color
0D186B

Achromatopsia
1E1E1E

Achromatomaly
181C3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D186B 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 #0D186B looks like.

```
.text, #text, p{  
    color:#0D186B  
}
```

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 #0D186B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D186B
}
```

Border

The CSS property to change the border of an element to Hex 0D186B is called "border". The border property can be set on classes, ids or directly on the HTML element.

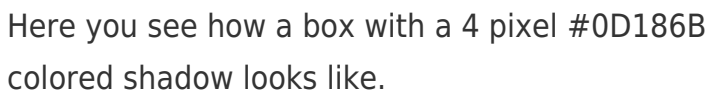
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0D186B }
```

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

```
.border{ border-color:#0D186B }
```

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



Here you see how a box with a 4 pixel #0D186B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D186B; -webkit-box-shadow:4px 4px  
4px 4px #0D186B; box-shadow:4px 4px 4px  
4px #0D186B }
```

Background

The CSS property to change the background color of an element to Hex 0D186B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D186B }
```

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

```
.background{ background-color:#0D186B }
```

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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