

Converting Colors

Hex(0D186E)

Have a look what the booklet for
Hex(0D186E) contains.

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Color

Hex(0D186E)

Conversions

Conversions Part 1

Format	Color
Hex	0D186E
RGB	13, 24, 110
RGB Percent	5%, 9%, 43%
CMY	0.9490, 0.9059, 0.5686
CMYK	0.88, 0.78, 0.00, 0.57
HSL	233°, 79%, 24%
HSV	233°, 88%, 43%
XYZ	3.3071, 1.8646, 14.9375
YIQ	30.5150, -34.1620, 24.4140

Conversions

Conversions Part 2

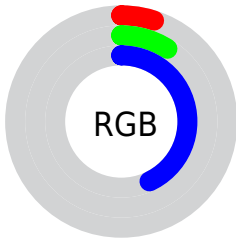
Format	Color
R_{YB}	13, 23, 110
Decimal	858222
CIE _{Lab}	14.76, 30.65, -50.12
CIE _{LCh}	15, 58.742, 301.446
Yxy	1.8646, 0.1645, 0.0927
Android (android.graphics.Color)	4279048302 (0xFF0D186E)
YUV	30.5150, 39.1861, -15.3607
Hunter-Lab	13.6551, 19.3338, -55.2993

Details

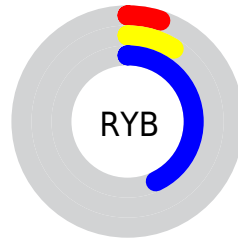
The Hex color **0D186E** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **6E630D**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **4E44A3**, and **00003D** is the 20% darker color. If you saturate the color by 10%, you get **020E6E**, and if you desaturate by 10%, it is **18226E**.

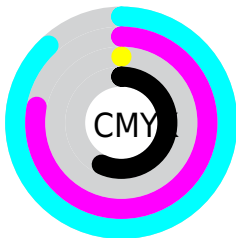
Distribution



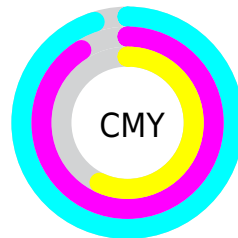
- Red (5%)
- Green (9%)
- Blue (43%)



- Red (5%)
- Yellow (9%)
- Blue (43%)



- Cyan (88%)
- Magenta (78%)
- Yellow (0%)
- Black (57%)



- Cyan (95%)
- Magenta (91%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D186E 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 0D186E by changing the saturation by 10% instead.

0D186E

0D186E

FFFDFF

000255

4E44A3

00003D

6A5CBE

000326

8674DA

00010F

A28EF7

000000

BEA9FF

DBC4FF

F8E0FF

0D186E

0D186E

■ 020E6E

■ 18226E

■ 000C6E

■ 232C6E

■ 2E356E

■ 393F6E

■ 44496E

■ 4F536E

■ 5A5C6E

■ 65666E

■ 70706E

Harmonies

Analogous

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



002C7B



0D186E



54004E

Triad

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



0D186E



4D0E00



003426

Complementary

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



0D186E



6E630D

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.



003200



0D186E



2E2500

Square

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



0D186E



620000



002E00



003550

Rectangle

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



0D186E



640033



002E00



003417

Sweetspot

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



0D186E



6A6E8F



0D6E63



313447



C7C7C7



474747

Same Dimension

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



0D186E



00108F



320D6E



323338



000E78



001CF7

Inverse Universe

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



6E0D18



8F0010



496E0D



383233



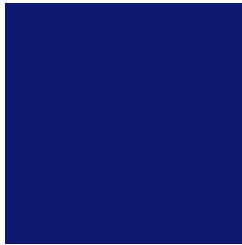
78000E



F7001C

Previews

White Background



This preview shows how the Hex color 0D186E looks on a white background.

Color Contrast Check

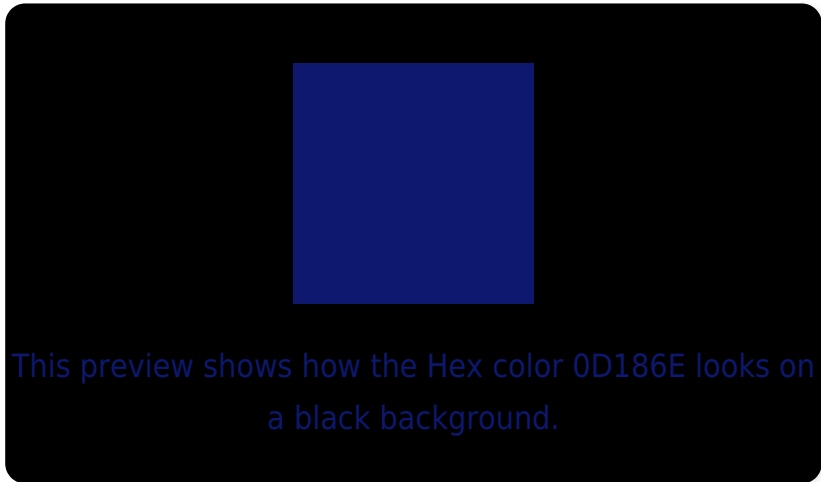
Large Text (above 18pt) WCAG AA ✓ Pass

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

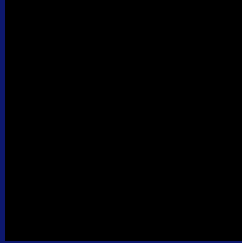
Any Text WCAG AA × Fail

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 0D186E Background



This preview shows how black text looks on a background with the Hex color 0D186E.



This preview shows how white text looks on a background with the Hex color 0D186E.

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
0D186E

Protanopia
00254E

Deuteranopia
002842



Tritanopia
002B2D

Trichromacy



Original Color
0D186E

Protanomaly
05205A

Deuteranomaly
052252

Tritanomaly
052445

Monochromacy



Original Color
0D186E

Achromatopsia
1F1F1F

Achromatomaly
181C3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D186E 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 #0D186E looks like.

```
.text, #text, p{  
    color:#0D186E  
}
```

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 #0D186E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D186E
}
```

Border

The CSS property to change the border of an element to Hex 0D186E 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".

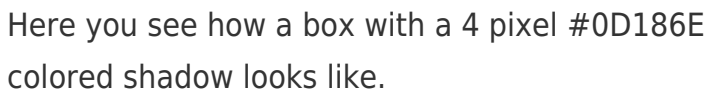
```
.border, #border, table{ border:4px solid
#0D186E }
```

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

```
.border{ border-color:#0D186E }
```

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

Here you see how a box with a 4 pixel #0D186E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D186E; -webkit-box-shadow:4px 4px  
4px 4px #0D186E; box-shadow:4px 4px 4px  
4px #0D186E }
```

Background

The CSS property to change the background color of an element to Hex 0D186E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D186E }
```

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

```
.background{ background-color:#0D186E }
```

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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