

Converting Colors

Hex(000D85)

Have a look what the booklet for
Hex(000D85) contains.

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Color

Hex(000D85)

Conversions

Conversions Part 1

Format	Color
Hex	000D85
RGB	0, 13, 133
RGB Percent	0%, 5%, 52%
CMY	1.0000, 0.9490, 0.4784
CMYK	1.00, 0.90, 0.00, 0.48
HSL	234°, 100%, 26%
HSV	234°, 100%, 52%
XYZ	4.3776, 1.9813, 22.3420
YIQ	22.7930, -46.2680, 34.5640

Conversions

Conversions Part 2

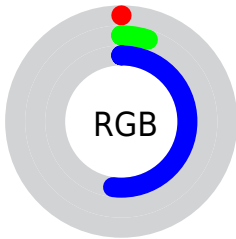
Format	Color
RYB	0, 12, 133
Decimal	3461
CIELab	15.39, 43.93, -63.85
CIElCh	15, 77.499, 304.530
Yxy	1.9813, 0.1525, 0.0690
Android (android.graphics.Color)	4278193541 (0xFF000D85)
YUV	22.7930, 54.3321, -19.9895
Hunter-Lab	14.0759, 30.8803, -84.2552

Details

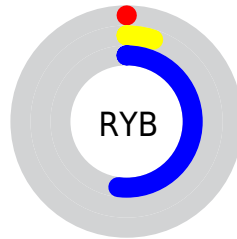
The Hex color **000D85** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **857800**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **533CBB**, and **000052** is the 20% darker color. If you saturate the color by 10%, you get **000D85**, and if you desaturate by 10%, it is **0D1985**.

Distribution



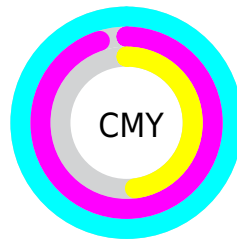
- Red (0%)
- Green (5%)
- Blue (52%)



- Red (0%)
- Yellow (5%)
- Blue (52%)



- Cyan (100%)
- Magenta (90%)
- Yellow (0%)
- Black (48%)



- Cyan (100%)
- Magenta (95%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000D85 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 000D85 by changing the saturation by 10% instead.

 000D85

 000D85

 FFF6FF

 00006B

 533CBB

 000052

 7154D8

 00053A

 8E6DF5

 000223

 AB87FF

 00000A

 C8A2FF

 000000

 E6BDFF

 FFD9FF

 000D85

■ 0D1985

■ 1B2585

■ 283185

■ 353D85

■ 434985

■ 505585

■ 5D6185

■ 6A6D85

■ 787985

Harmonies

Analogous

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



00309A



000D85



680057

Triad

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



000D85



540600



00372E

Complementary

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



000D85



857800

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



000D85



292800

Square

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



000D85



710000



003200



003A66

Rectangle

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



000D85



790033



003200



00371A

Sweetspot

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



000D85



797EAD



008578



373B57



D6D6D6



575757

Same Dimension

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



000D85



0011AD



350085



3C3C42



000D82



000003

Inverse Universe

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



85000D



AD0011



508500



423C3C



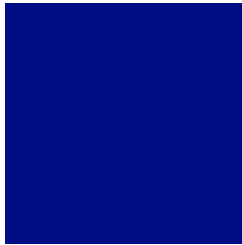
82000D



030000

Previews

White Background



This preview shows how the Hex color 000D85 looks on a white background.

Color Contrast Check

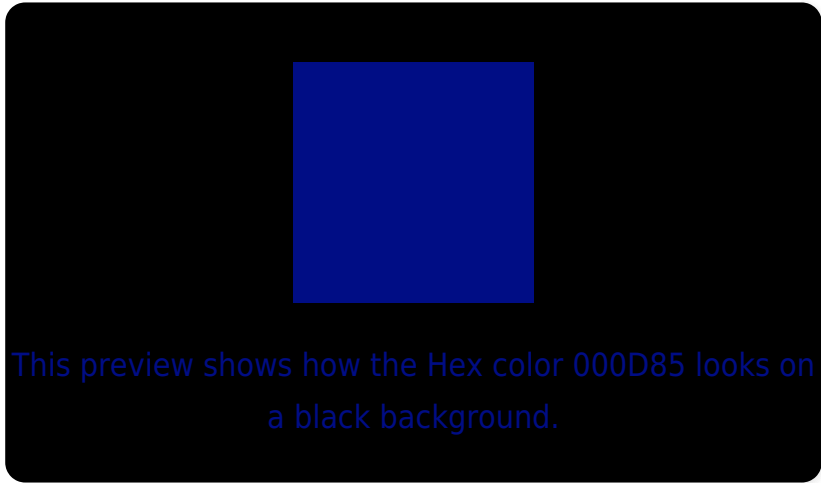
Large Text (above 18pt) WCAG AA ✓ Pass

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

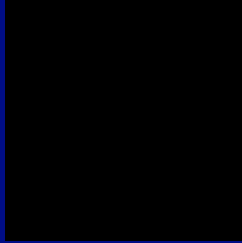
Any Text WCAG AA × Fail

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 000D85 Background



This preview shows how black text looks on a background with the Hex color 000D85.



This preview shows how white text looks on a background with the Hex color 000D85.

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
000D85

Protanopia
002854

Deuteranopia
002B47

Trichromacy



Original Color
000D85

Protanomaly
001E66

Deuteranomaly
00205E

Tritanomaly
00224F

Monochromacy



Original Color
000D85

Achromatopsia
171717

Achromatomaly
0F133F

CSS Examples

Text

The CSS property to change the color of the text to Hex 000D85 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 #000D85 looks like.

```
.text, #text, p{  
    color:#000D85  
}
```

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 #000D85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000D85
}
```

Border

The CSS property to change the border of an element to Hex 000D85 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
#000D85 }
```

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

```
.border{ border-color:#000D85 }
```

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

Here you see how a box with a 4 pixel #000D85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000D85; -webkit-box-shadow:4px 4px  
4px 4px #000D85; box-shadow:4px 4px 4px  
4px #000D85 }
```

Background

The CSS property to change the background color of an element to Hex 000D85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000D85 }
```

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

```
.background{ background-color:#000D85 }
```

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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