

Converting Colors

Hex(001130)

Have a look what the booklet for
Hex(001130) contains.

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Color

Hex(001130)

Conversions

Conversions Part 1

Format	Color
Hex	001130
RGB	0, 17, 48
RGB Percent	0%, 7%, 19%
CMY	1.0000, 0.9333, 0.8118
CMYK	1.00, 0.65, 0.00, 0.81
HSL	219°, 100%, 9%
HSV	219°, 100%, 19%
XYZ	0.7339, 0.6143, 2.8762
YIQ	15.4510, -20.0830, 6.0370

Conversions

Conversions Part 2

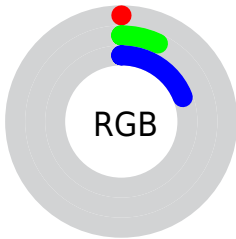
Format	Color
RYB	0, 13, 48
Decimal	4400
CIELab	5.55, 6.15, -22.41
CIELCh	6, 23.239, 285.340
Yxy	0.6143, 0.1737, 0.1454
Android (android.graphics.Color)	4278194480 (0xFF001130)
YUV	15.4510, 16.0467, -13.5505
Hunter-Lab	7.8377, 2.9993, -16.2711

Details

The Hex color **001130** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **301F00**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **303B5E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **001130**, and if you desaturate by 10%, it is **051430**.

Distribution



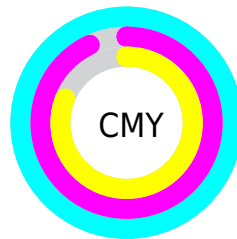
- Red (0%)
- Green (7%)
- Blue (19%)



- Red (0%)
- Yellow (5%)
- Blue (19%)



- Cyan (100%)
- Magenta (65%)
- Yellow (0%)
- Black (81%)



- Cyan (100%)
- Magenta (93%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001130 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 001130 by changing the saturation by 10% instead.

 001130

 001130


 E8F0FF

 00011B

 303B5E

 000000

 485277

 616A91

 7A83AC

 959DC7

 B0B8E3

 CCD4FF

 001130

■ 051430

■ 0A1730

■ 0E1A30

■ 131D30

■ 182130

■ 1D2430

■ 222730

■ 262A30

■ 2B2D30

Harmonies

Analogous

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



001730



001130



1D0928

Triad

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



001130



290600



001C05

Complementary

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



001130



301F00

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.



001900



001130



200E00

Square

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



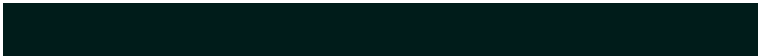
001130



2E0106



0F1500



001C1A

Rectangle

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



001130



270420



0F1500



001B00

Sweetspot

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



001130



2B313D



00301E



14171F



9E9E9E



1F1F1F

Same Dimension

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



001130



00163D



060030



151517



001F57



004CD6

Inverse Universe

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



300011



3D0016



2A3000



171515



57001F



D6004C

Previews

White Background



This preview shows how the Hex color 001130 looks on a white background.

Color Contrast Check

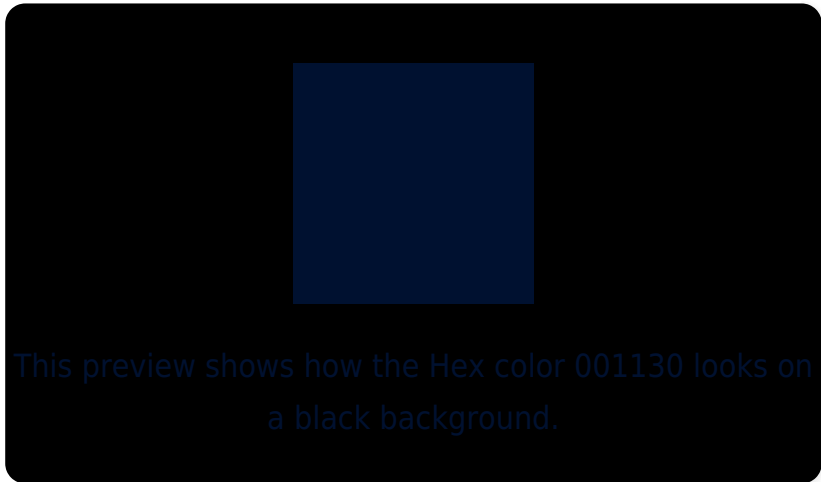
Large Text (above 18pt) WCAG AA ✓ Pass

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

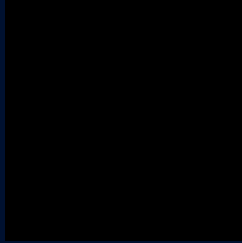
Any Text WCAG AA × Fail

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 001130 Background



This preview shows how black text looks on a background with the Hex color 001130.



This preview shows how white text looks on a background with the Hex color 001130.

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
001130

Protanopia
001329

Deuteranopia
001423



Tritanopia
001617

Trichromacy



Original Color
001130

Protanomaly
00122C

Deuteranomaly
001328

Tritanomaly
001420

Monochromacy



Original Color
001130

Achromatopsia
0F0F0F

Achromatomaly
0A101B

CSS Examples

Text

The CSS property to change the color of the text to Hex 001130 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 #001130 looks like.

```
.text, #text, p{  
    color:#001130  
}
```

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 #001130 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001130
}
```

Border

The CSS property to change the border of an element to Hex 001130 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
#001130 }
```

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

```
.border{ border-color:#001130 }
```

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

Here you see how a box with a 4 pixel #001130 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001130; -webkit-box-shadow:4px 4px  
4px 4px #001130; box-shadow:4px 4px 4px  
4px #001130 }
```

Background

The CSS property to change the background color of an element to Hex 001130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001130 }
```

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

```
.background{ background-color:#001130 }
```

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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