

Converting Colors

Hex(0D0030)

Have a look what the booklet for
Hex(0D0030) contains.

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Color

Hex(0D0030)

Conversions

Conversions Part 1

Format	Color
Hex	0D0030
RGB	13, 0, 48
RGB Percent	5%, 0%, 19%
CMY	0.9490, 1.0000, 0.8118
CMYK	0.73, 1.00, 0.00, 0.81
HSL	256°, 100%, 9%
HSV	256°, 100%, 19%
XYZ	0.6995, 0.2990, 2.8171
YIQ	9.3590, -7.6600, 17.6840

Conversions

Conversions Part 2

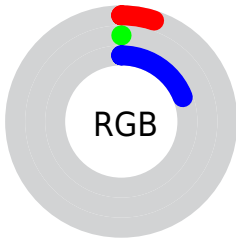
Format	Color
RYB	13, 0, 48
Decimal	852016
CIELab	2.70, 17.01, -26.91
CIELCh	3, 31.838, 302.301
Yxy	0.2990, 0.1833, 0.0784
Android (android.graphics.Color)	4279042096 (0xFF0D0030)
YUV	9.3590, 19.0500, 3.1932
Hunter-Lab	5.4678, 13.2665, -26.7203

Details

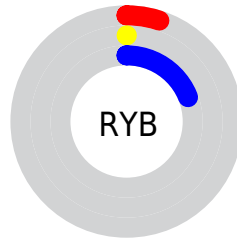
The Hex color **0D0030** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **233000**, and the grayscale version is **090909**.

A 20% lighter version of the original color is **392F5E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0D0030**, and if you desaturate by 10%, it is **110530**.

Distribution



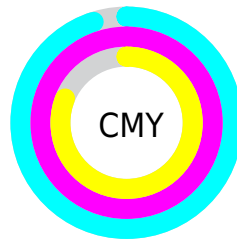
- Red (5%)
- Green (0%)
- Blue (19%)



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



- Cyan (73%)
- Magenta (100%)
- Yellow (0%)
- Black (81%)



- Cyan (95%)
- Magenta (100%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D0030 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 0D0030 by changing the saturation by 10% instead.

 0D0030

 0D0030

 F2E1FF

 00011A

 392F5E

 000000

 514677

 6A5D91

 8376AC

 9E90C7

 B9AAE4

 D5C5FF

 0D0030

■ 110530

■ 140A30

■ 180E30

■ 1B1330

■ 1F1830

■ 221D30

■ 262230

■ 292630

■ 2D2B30

Harmonies

Analogous

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



000D36



0D0030



270021

Triad

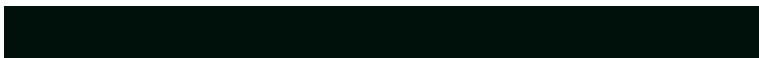
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0D0030



220000



00110C

Complementary

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



0D0030



233000

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.



001100



0D0030



0C0A00

Square

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



0D0030



2D0000



001100



001323

Rectangle

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



0D0030



2E0013



001100

Sweetspot

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



0D0030



302B3D



002330



17141F



9E9E9E



1F1F1F

Same Dimension

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



0D0030



11003D



250030



151517



170057



3A00D6

Inverse Universe

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



300023



3D002D



0B3000



171516



57003F



D6009C

Previews

White Background



This preview shows how the Hex color 0D0030 looks on a white background.

Color Contrast Check

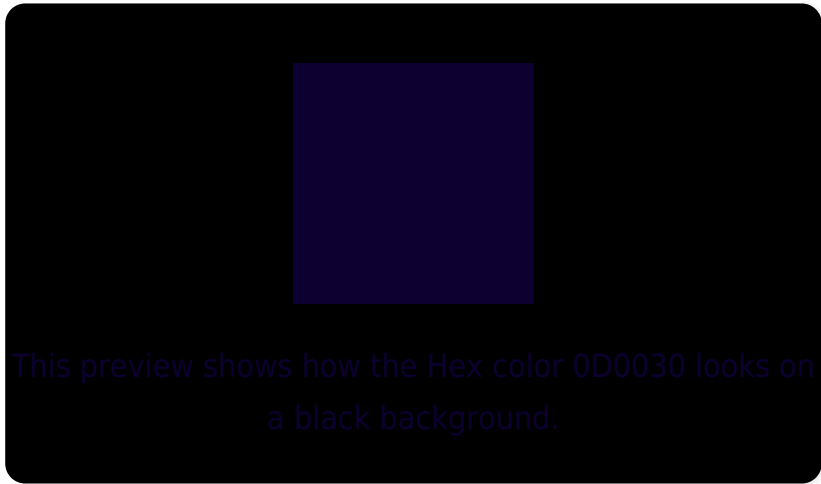
Large Text (above 18pt) WCAG AA ✓ Pass

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

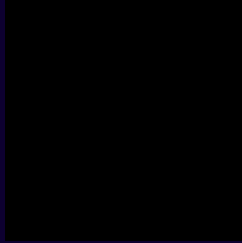
Any Text WCAG AA × Fail

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 0D0030 Background



This preview shows how black text looks on a background with the Hex color 0D0030.



This preview shows how white text looks on a background with the Hex color 0D0030.

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
0D0030

Protanopia
000F20

Deuteranopia
00101B



Tritanopia
001112

Trichromacy



Original Color
OD0030

Protanomaly
050A26

Deuteranomaly
050A23

Tritanomaly
050B1D

Monochromacy



Original Color
OD0030

Achromatopsia
090909

Achromatomaly
0A0617

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D0030 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 #0D0030 looks like.

```
.text, #text, p{  
    color:#0D0030  
}
```

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 #0D0030 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D0030
}
```

Border

The CSS property to change the border of an element to Hex 0D0030 is called "border". The border property can be set on classes, ids or directly on the HTML element.

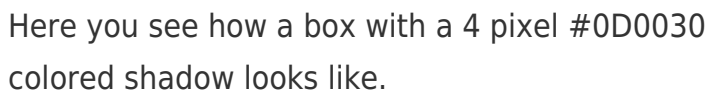
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0D0030 }
```

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

```
.border{ border-color:#0D0030 }
```

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



Here you see how a box with a 4 pixel #0D0030 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D0030; -webkit-box-shadow:4px 4px  
4px 4px #0D0030; box-shadow:4px 4px 4px  
4px #0D0030 }
```

Background

The CSS property to change the background color of an element to Hex 0D0030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D0030 }
```

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

```
.background{ background-color:#0D0030 }
```

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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