

Converting Colors

Hex(0D0038)

Have a look what the booklet for
Hex(0D0038) contains.

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Color

Hex(0D0038)

Conversions

Conversions Part 1

Format	Color
Hex	0D0038
RGB	13, 0, 56
RGB Percent	5%, 0%, 22%
CMY	0.9490, 1.0000, 0.7804
CMYK	0.77, 1.00, 0.00, 0.78
HSL	254°, 100%, 11%
HSV	254°, 100%, 22%
XYZ	0.8798, 0.3711, 3.7666
YIQ	10.2710, -10.2280, 20.1720

Conversions

Conversions Part 2

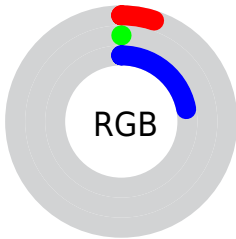
Format	Color
RYB	13, 0, 56
Decimal	852024
CIELab	3.35, 21.57, -31.80
CIELCh	3, 38.426, 304.146
Yxy	0.3711, 0.1753, 0.0740
Android (android.graphics.Color)	4279042104 (0xFF0D0038)
YUV	10.2710, 22.5444, 2.3933
Hunter-Lab	6.0917, 15.1192, -32.3961

Details

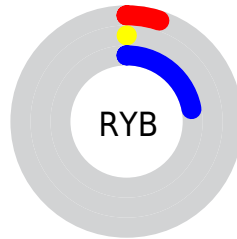
The Hex color **0D0038** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2B3800**, and the grayscale version is **0A0A0A**.

A 20% lighter version of the original color is **3C2E68**, and **000008** is the 20% darker color. If you saturate the color by 10%, you get **0D0038**, and if you desaturate by 10%, it is **110638**.

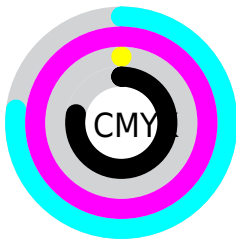
Distribution



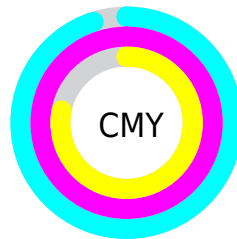
- Red (5%)
- Green (0%)
- Blue (22%)



- Red (5%)
- Yellow (0%)
- Blue (22%)



- Cyan (77%)
- Magenta (100%)
- Yellow (0%)
- Black (78%)



- Cyan (95%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D0038 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 0D0038 by changing the saturation by 10% instead.

 0D0038

 0D0038

 F8E1FF

 000222

 3C2E68

 000008

 554581

 000000

 6E5C9B

 8875B6

 A38FD2

 BFA9EE

 DBC5FF

 0D0038

■ 110638

■ 160B38

■ 1A1138

■ 1E1638

■ 221C38

■ 272238

■ 2B2738

■ 2F2D38

■ 343238

Harmonies

Analogous

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



000F41



0D0038



2D0024

Triad

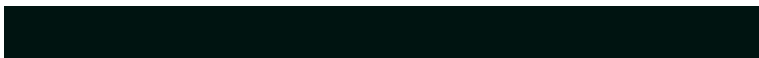
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0D0038



260000



001411

Complementary

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



0D0038



2B3800

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.



001400



0D0038



0C0D00

Square

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



0D0038



320000



001400



00162A

Rectangle

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



0D0038



350014



001400



001402

Sweetspot

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



0D0038



39344A



002C38



1C1826



A6A6A6



262626

Same Dimension

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



0D0038



11004A



280038



1A191C



15005C



3300DB

Inverse Universe

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



38002B



4A0039



103800



1C191B



5C0046



DB00A8

Previews

White Background



This preview shows how the Hex color 0D0038 looks on a white background.

Color Contrast Check

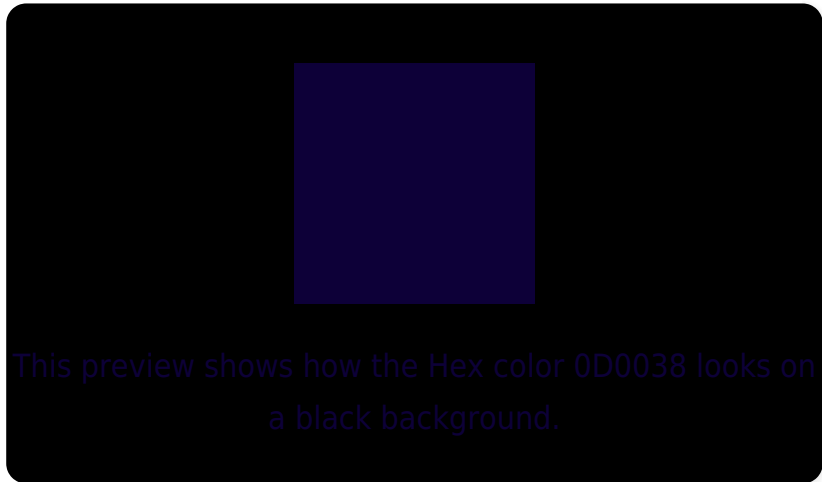
Large Text (above 18pt) WCAG AA ✓ Pass

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

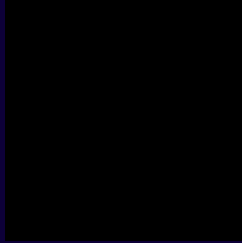
Any Text WCAG AA × Fail

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 0D0038 Background



This preview shows how black text looks on a background with the Hex color 0D0038.



This preview shows how white text looks on a background with the Hex color 0D0038.

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
0D0038

Protanopia
001124

Deuteranopia
00121F

Trichromacy



Original Color
OD0038

Protanomaly
050B2B

Deuteranomaly
050B28

Tritanomaly
050D22

Monochromacy



Original Color
OD0038

Achromatopsia
0A0A0A

Achromatomaly
0B061B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D0038 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 #0D0038 looks like.

```
.text, #text, p{  
    color:#0D0038  
}
```

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 #0D0038 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D0038  
}
```

Border

The CSS property to change the border of an element to Hex 0D0038 is called "border". The border property can be set on classes, ids or directly on the HTML element.

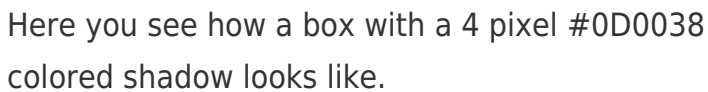
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#0D0038 }
```

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

```
.border{ border-color:#0D0038 }
```

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



Here you see how a box with a 4 pixel #0D0038 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D0038; -webkit-box-shadow:4px 4px  
4px 4px #0D0038; box-shadow:4px 4px 4px  
4px #0D0038 }
```

Background

The CSS property to change the background color of an element to Hex 0D0038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D0038 }
```

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

```
.background{ background-color:#0D0038 }
```

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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