

Converting Colors

Hex(00030D)

Have a look what the booklet for
Hex(00030D) contains.

Hex(00030D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00030D)

Conversions

Conversions Part 1

Format	Color
Hex	00030D
RGB	0, 3, 13
RGB Percent	0%, 1%, 5%
CMY	1.0000, 0.9882, 0.9490
CMYK	1.00, 0.77, 0.00, 0.95
HSL	226°, 100%, 3%
HSV	226°, 100%, 5%
XYZ	0.1052, 0.0942, 0.3934
YIQ	3.2430, -4.9980, 2.4740

Conversions

Conversions Part 2

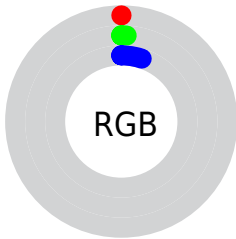
Format	Color
RYB	0, 2, 13
Decimal	781
CIELab	0.85, 0.64, -4.16
CIELCh	1, 4.210, 278.782
Yxy	0.0942, 0.1775, 0.1589
Android (android.graphics.Color)	4278190861 (0xFF00030D)
YUV	3.2430, 4.8102, -2.8441
Hunter-Lab	3.0689, 0.7487, -5.4521

Details

The Hex color **00030D** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0D0A00**, and the grayscale version is **030303**.

A 20% lighter version of the original color is **303238**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00030D**, and if you desaturate by 10%, it is **01040D**.

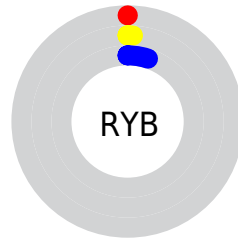
Distribution



Red (0%)

Green (1%)

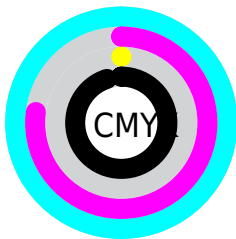
Blue (5%)



Red (0%)

Yellow (1%)

Blue (5%)

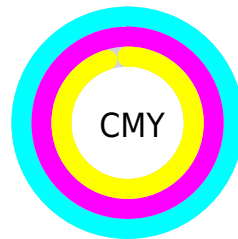


Cyan (100%)

Magenta (77%)

Yellow (0%)

Black (95%)



Cyan (100%)

Magenta (99%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00030D 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 00030D by changing the saturation by 10% instead.

■ 00030D

■ 00030D

■ E2E5ED

■ 000000

■ 303238

■ 46494F

■ 5E6067

■ 777980

■ 90939A

■ ABADB5

■ C6C9D0

■ 00030D

■ 01040D

■ 03050D

■ 04060D

■ 05070D

■ 07080D

■ 08090D

■ 090A0D

■ 0A0B0D

■ 0C0C0D

Harmonies

Analogous

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



00050C



00030D



06010B

Triad

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



00030D



0D0000



000600

Complementary

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



00030D



0D0A00

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.



000500



00030D



090200

Square

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



00030D



0E0002



030300



000605

Rectangle

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



00030D



0A0109



030300



000600

Sweetspot

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



00030D



0C0E12



000D0A



07070A



8A8A8A



0A0A0A

Same Dimension

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



00030D



000412



03000D



070708



001047



002EC7

Inverse Universe

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



0D0003



120004



0A0D00



080707



470010



C7002E

Previews

White Background



This preview shows how the Hex color 00030D looks on a white background.

Color Contrast Check

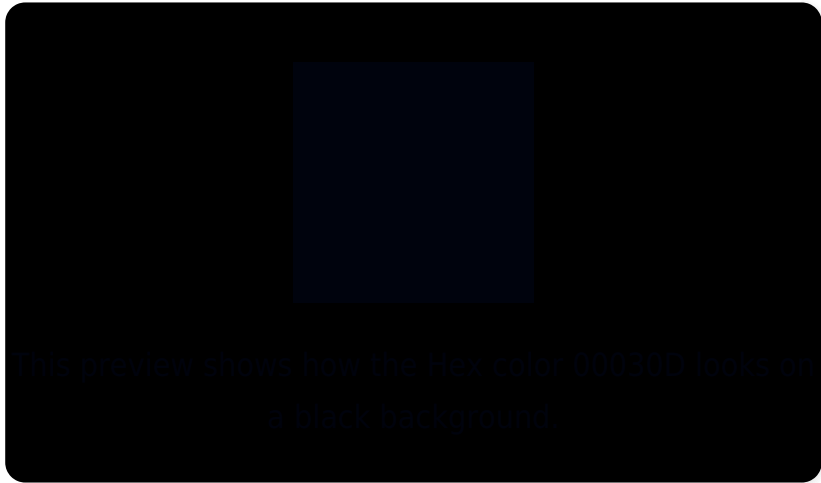
Large Text (above 18pt) WCAG AA ✓ Pass

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

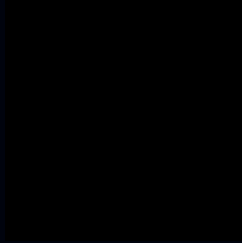
Any Text WCAG AA × Fail

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 00030D Background



This preview shows how black text looks on a background with the Hex color 00030D.



This preview shows how white text looks on a background with the Hex color 00030D.

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](#).

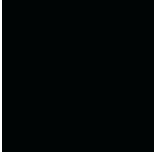
Dichromacy



Original Color
00030D

Protanopia
000409

Deuteranopia
000508



Tritanopia
000505

Trichromacy



Original Color
00030D

Protanomaly
00040A

Deuteranomaly
00040A

Tritanomaly
000408

Monochromacy



Original Color
00030D

Achromatopsia
030303

Achromatomaly
020307

CSS Examples

Text

The CSS property to change the color of the text to Hex 00030D 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 #00030D looks like.

```
.text, #text, p{  
    color:#00030D  
}
```

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 #00030D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00030D
}
```

Border

The CSS property to change the border of an element to Hex 00030D is called "border". The border property can be set on classes, ids or directly on the HTML element.

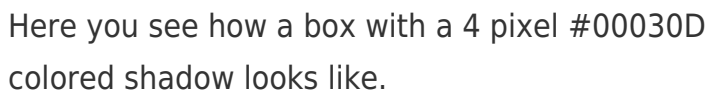
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00030D }
```

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

```
.border{ border-color:#00030D }
```

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



Here you see how a box with a 4 pixel #00030D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00030D; -webkit-box-shadow:4px 4px  
4px 4px #00030D; box-shadow:4px 4px 4px  
4px #00030D }
```

Background

The CSS property to change the background color of an element to Hex 00030D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00030D }
```

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

```
.background{ background-color:#00030D }
```

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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