

Converting Colors

Hex(000022)

Have a look what the booklet for
Hex(000022) contains.

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Color

Hex(000022)

Conversions

Conversions Part 1

Format	Color
Hex	000022
RGB	0, 0, 34
RGB Percent	0%, 0%, 13%
CMY	1.0000, 1.0000, 0.8667
CMYK	1.00, 1.00, 0.00, 0.87
HSL	240°, 100%, 7%
HSV	240°, 100%, 13%
XYZ	0.2887, 0.1155, 1.5204
YIQ	3.8760, -10.9140, 10.5740

Conversions

Conversions Part 2

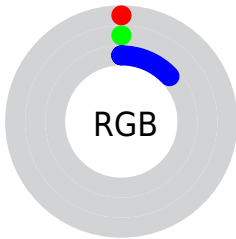
Format	Color
RYB	0, 0, 34
Decimal	34
CIELab	1.04, 7.33, -18.78
CIElCh	1, 20.157, 291.327
Yxy	0.1155, 0.1500, 0.0600
Android (android.graphics.Color)	4278190114 (0xFF000022)
YUV	3.8760, 14.8511, -3.3993
Hunter-Lab	3.3984, 9.2182, -24.1473

Details

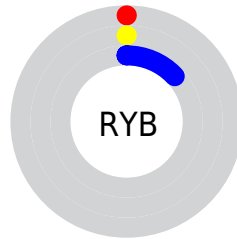
The Hex color **000022** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **222200**, and the grayscale version is **040404**.

A 20% lighter version of the original color is **2D304E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **000022**, and if you desaturate by 10%, it is **030322**.

Distribution



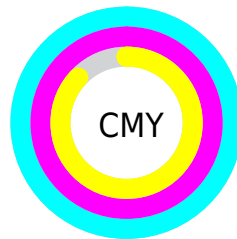
- Red (0%)
- Green (0%)
- Blue (13%)



- Red (0%)
- Yellow (0%)
- Blue (13%)



- Cyan (100%)
- Magenta (100%)
- Yellow (0%)
- Black (87%)



- Cyan (100%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000022 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 000022 by changing the saturation by 10% instead.

■ 000022

■ 000022

■ E2E2FF

■ 000008

■ 2D304E

■ 000000

■ 444766

■ 5C5E7F

■ 767799

■ 8F91B4

■ AAABD0

■ C6C6EC

■ 000022

■ 030322

■ 070722

■ 0A0A22

■ 0E0E22

■ 111122

■ 141422

■ 181822

■ 1B1B22

■ 1F1F22

Harmonies

Analogous

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



000823



000022



18001B

Triad

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



000022



1C0000



000700

Complementary

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



000022



222200

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.



000700



000022



0D0100

Square

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



000022



230000



000700



000813

Rectangle

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



000022



1F0012



000700

Sweetspot

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



000022



1E1E2B



002222



0F0F17



969696



171717

Same Dimension

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



000022



00002B



110022



101012



000052



0000D1

Inverse Universe

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



220022



2B002B



112200



121012



520052



D100D1

Previews

White Background



This preview shows how the Hex color 000022 looks on a white background.

Color Contrast Check

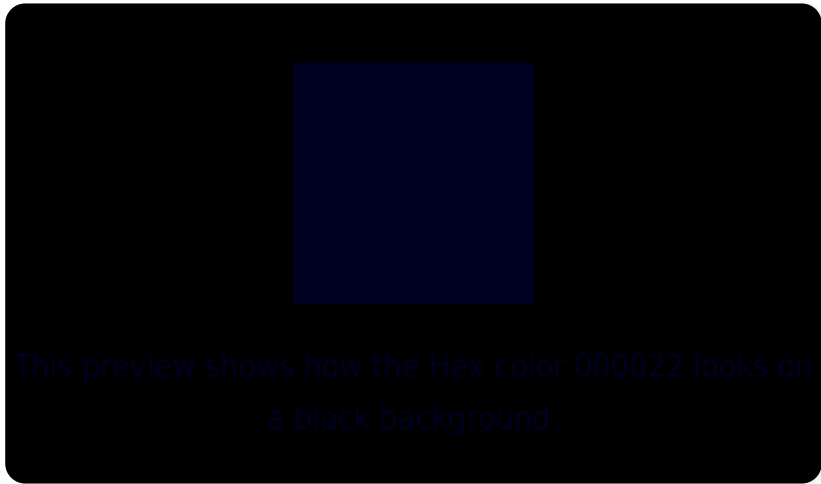
Large Text (above 18pt) WCAG AA ✓ Pass

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

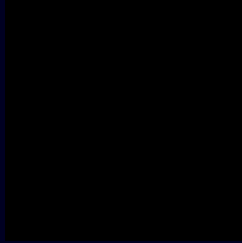
Any Text WCAG AA × Fail

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 000022 Background



This preview shows how black text looks on a background with the Hex color 000022.



This preview shows how white text looks on a background with the Hex color 000022.

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](#).

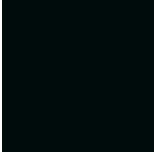
Dichromacy



Original Color
000022

Protanopia
000A15

Deuteranopia
000B12



Tritanopia
000B0C

Trichromacy



Original Color
000022

Protanomaly
00061A

Deuteranomaly
000718

Tritanomaly
000714

Monochromacy



Original Color
000022

Achromatopsia
040404

Achromatomaly
03030F

CSS Examples

Text

The CSS property to change the color of the text to Hex 000022 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 #000022 looks like.

```
.text, #text, p{  
    color:#000022  
}
```

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 #000022 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000022
}
```

Border

The CSS property to change the border of an element to Hex 000022 is called "border". The border property can be set on classes, ids or directly on the HTML element.

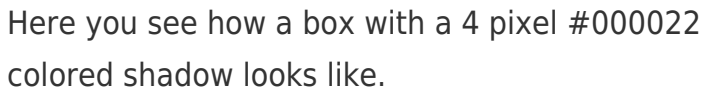
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#000022 }
```

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

```
.border{ border-color:#000022 }
```

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



Here you see how a box with a 4 pixel #000022 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000022; -webkit-box-shadow:4px 4px  
4px 4px #000022; box-shadow:4px 4px 4px  
4px #000022 }
```

Background

The CSS property to change the background color of an element to Hex 000022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000022 }
```

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

```
.background{ background-color:#000022 }
```

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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