

Converting Colors

Hex(000232)

Have a look what the booklet for
Hex(000232) contains.

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Color

Hex(000232)

Conversions

Conversions Part 1

Format	Color
Hex	000232
RGB	0, 2, 50
RGB Percent	0%, 1%, 20%
CMY	1.0000, 0.9922, 0.8039
CMYK	1.00, 0.96, 0.00, 0.80
HSL	238°, 100%, 10%
HSV	238°, 100%, 20%
XYZ	0.5974, 0.2737, 3.0390
YIQ	6.8740, -16.6000, 14.5040

Conversions

Conversions Part 2

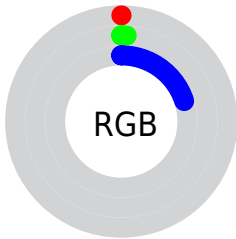
Format	Color
RYB	0, 2, 50
Decimal	562
CIELab	2.47, 13.82, -28.82
CIELCh	2, 31.959, 295.615
Yxy	0.2737, 0.1528, 0.0700
Android (android.graphics.Color)	4278190642 (0xFF000232)
YUV	6.8740, 21.2611, -6.0285
Hunter-Lab	5.2317, 11.2283, -30.7778

Details

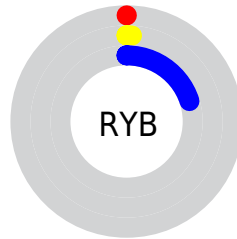
The Hex color **000232** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **323000**, and the grayscale version is **070707**.

A 20% lighter version of the original color is **2F3161**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **000232**, and if you desaturate by 10%, it is **050732**.

Distribution



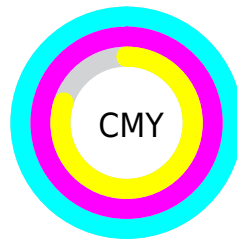
- Red (0%)
- Green (1%)
- Blue (20%)



- Red (0%)
- Yellow (1%)
- Blue (20%)



- Cyan (100%)
- Magenta (96%)
- Yellow (0%)
- Black (80%)



- Cyan (100%)
- Magenta (99%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000232 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 000232 by changing the saturation by 10% instead.

■ 000232

■ 000232

■ E8E3FF

■ 00021C

■ 2F3161

■ 000000

■ 47477A

■ 615F94

■ 7A78AF

■ 9591CA

■ B0ACE6

■ CCC7FF

■ 000232

■ 050732

■ 0A0C32

■ 0F1032

■ 141532

■ 191A32

■ 1E1F32

■ 232432

■ 282832

■ 2D2D32

Harmonies

Analogous

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



000F36



000232



230024

Triad

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



000232



250000



001003

Complementary

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



000232



323000

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.



001000



000232



120700

Square

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



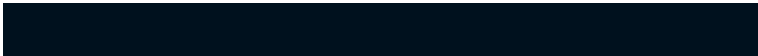
000232



2E0000



001000



00111E

Rectangle

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



000232



2C0018



001000

Sweetspot

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



000232



2D2D40



00322F



151621



A1A1A1



212121

Same Dimension

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



000232



000340



170032



17171A



000459



0009D9

Inverse Universe

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



320002



400003



1C3200



1A1717



590004



D90009

Previews

White Background



This preview shows how the Hex color 000232 looks on a white background.

Color Contrast Check

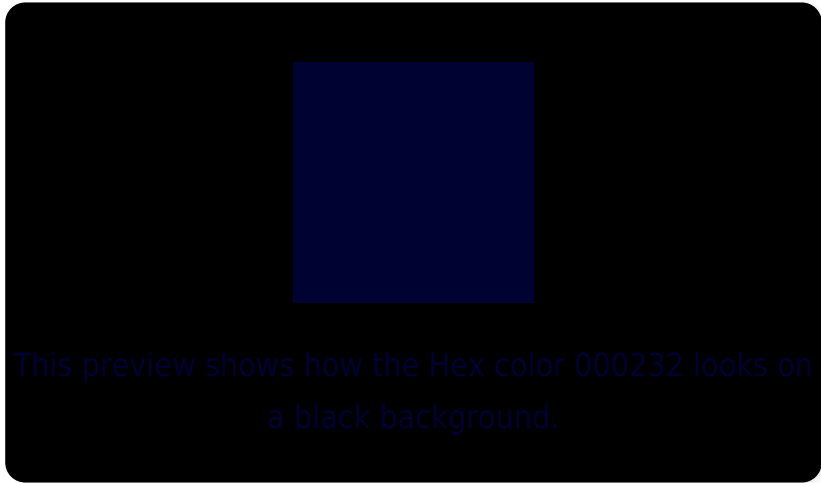
Large Text (above 18pt) WCAG AA ✓ Pass

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

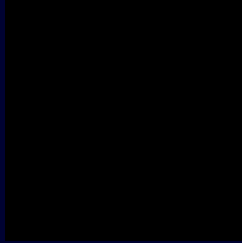
Any Text WCAG AA × Fail

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 000232 Background



This preview shows how black text looks on a background with the Hex color 000232.



This preview shows how white text looks on a background with the Hex color 000232.

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
000232

Protanopia
000F1F

Deuteranopia
00101A



Tritanopia
001112

Trichromacy



Original Color
000232

Protanomaly
000A26

Deuteranomaly
000B23

Tritanomaly
000C1E

Monochromacy



Original Color
000232

Achromatopsia
070707

Achromatomaly
040517

CSS Examples

Text

The CSS property to change the color of the text to Hex 000232 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 #000232 looks like.

```
.text, #text, p{  
    color:#000232  
}
```

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 #000232 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000232
}
```

Border

The CSS property to change the border of an element to Hex 000232 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
#000232 }
```

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

```
.border{ border-color:#000232 }
```

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

Here you see how a box with a 4 pixel #000232 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000232; -webkit-box-shadow:4px 4px  
4px 4px #000232; box-shadow:4px 4px 4px  
4px #000232 }
```

Background

The CSS property to change the background color of an element to Hex 000232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000232 }
```

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

```
.background{ background-color:#000232 }
```

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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