

Converting Colors

Hex(00032B)

Have a look what the booklet for
Hex(00032B) contains.

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Color

Hex(00032B)

Conversions

Conversions Part 1

Format	Color
Hex	00032B
RGB	0, 3, 43
RGB Percent	0%, 1%, 17%
CMY	1.0000, 0.9882, 0.8314
CMYK	1.00, 0.93, 0.00, 0.83
HSL	236°, 100%, 8%
HSV	236°, 100%, 17%
XYZ	0.4686, 0.2395, 2.3070
YIQ	6.6630, -14.6280, 11.8040

Conversions

Conversions Part 2

Format	Color
<code>RYB</code>	<code>0, 3, 43</code>
Decimal	<code>811</code>
<code>CIELab</code>	<code>2.16, 9.87, -24.03</code>
<code>CIElCh</code>	<code>2, 25.974, 292.332</code>
<code>Yxy</code>	<code>0.2395, 0.1554, 0.0794</code>
Android (<code>android.graphics.Color</code>)	<code>4278190891</code> (<code>0xFF00032B</code>)
<code>YUV</code>	<code>6.6630, 17.9141, -5.8435</code>
Hunter-Lab	<code>4.8943, 8.5255, -24.5216</code>

Details

The Hex color **00032B** is a dark color, and the **websafe** version is hex **000033**. A complement of this color would be **2B2800**, and the grayscale version is **070707**.

A 20% lighter version of the original color is **2D3259**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00032B**, and if you desaturate by 10%, it is **04072B**.

Distribution



- Red (0%)
- Green (1%)
- Blue (17%)



- Red (0%)
- Yellow (1%)
- Blue (17%)



- Cyan (100%)
- Magenta (93%)
- Yellow (0%)
- Black (83%)



- Cyan (100%)
- Magenta (99%)
- Yellow (83%)
- Black (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00032B 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 00032B by changing the saturation by 10% instead.

■ 00032B

■ 161D41

■ 2D3259

■ 454871

■ 5E608B

■ 7779A5

■ 9292C1

■ ADADDD

■ C8C8F9

■ E5E4FF

■ 00032B

■ 000116

■ 000000

■ 00032B

■ 04072B

■ 090B2B

■ 0D0F2B

■ 11132B

■ 16172B

■ 1A1B2B

■ 1E1F2B

■ 22232B

■ 27272B

Harmonies

Analogous

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



000D2D



00032B



1E0021

Triad

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



00032B



220000



000E00

Complementary

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



00032B



2B2800

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.



000E00



00032B



130500

Square

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



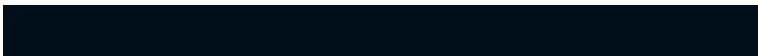
00032B



2A0000



000E00



000F19

Rectangle

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



00032B



260017



000E00

Sweetspot

The sweet spot groups the original color and five complimentary colors.



00032B



272838



002B27



12131C



9C9C9C



1C1C1C

Previews

White Background



This preview shows how the Hex color 00032B looks on a white background.

Color Contrast Check

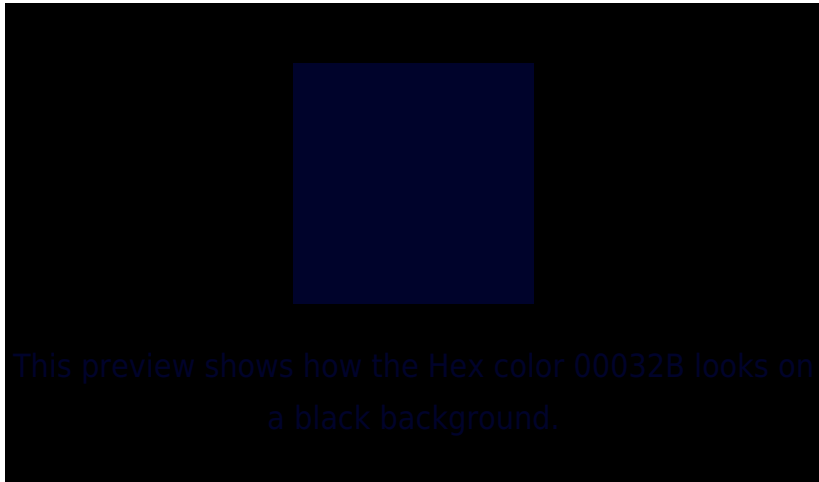
Large Text (above 18pt) WCAG AA ✓ Pass

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

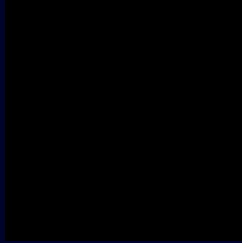
Any Text WCAG AA × Fail

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 00032B Background



This preview shows how black text looks on a background with the Hex color 00032B.



This preview shows how white text looks on a background with the Hex color 00032B.

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
00032B

Protanopia
000D1B

Deuteranopia
000E17



Tritanopia
000F0F

Trichromacy



Original Color
00032B

Protanomaly
000921

Deuteranomaly
000A1E

Tritanomaly
000B19

Monochromacy



Original Color
00032B

Achromatopsia
070707

Achromatomaly
040614

CSS Examples

Text

The CSS property to change the color of the text to Hex 00032B 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 #00032B looks like.

```
.text, #text, p{  
    color:#00032B  
}
```


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 #00032B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00032B
}
```

Border

The CSS property to change the border of an element to Hex 00032B 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
#00032B }
```

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

```
.border{ border-color:#00032B }
```

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

Here you see how a box with a 4 pixel #00032B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00032B; -webkit-box-shadow:4px 4px  
4px 4px #00032B; box-shadow:4px 4px 4px  
4px #00032B }
```

Background

The CSS property to change the background color of an element to Hex 00032B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00032B }
```

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

```
.background{ background-color:#00032B }
```

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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