

Converting Colors

Hex(001B35)

Have a look what the booklet for
Hex(001B35) contains.

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Color

Hex(001B35)

Conversions

Conversions Part 1

Format	Color
Hex	001B35
RGB	0, 27, 53
RGB Percent	0%, 11%, 21%
CMY	1.0000, 0.8941, 0.7922
CMYK	1.00, 0.49, 0.00, 0.79
HSL	209°, 100%, 10%
HSV	209°, 100%, 21%
XYZ	1.0345, 1.0409, 3.5145
YIQ	21.8910, -24.4380, 2.3620

Conversions

Conversions Part 2

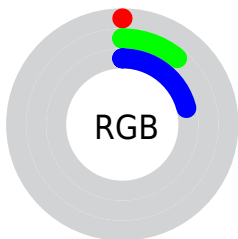
Format	Color
RYB	0, 18, 53
Decimal	6965
CIELab	9.33, 1.64, -20.01
CIELCh	9, 20.078, 274.678
Yxy	1.0409, 0.1851, 0.1862
Android (android.graphics.Color)	4278197045 (0xFF001B35)
YUV	21.8910, 15.3367, -19.1984
Hunter-Lab	10.2025, 0.2456, -13.2825

Details

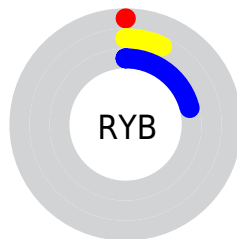
The Hex color **001B35** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **351A00**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **334664**, and **000004** is the 20% darker color. If you saturate the color by 10%, you get **001B35**, and if you desaturate by 10%, it is **051E35**.

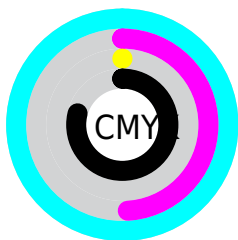
Distribution



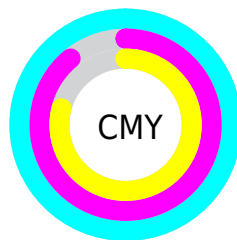
- Red (0%)
- Green (11%)
- Blue (21%)



- Red (0%)
- Yellow (7%)
- Blue (21%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (79%)



- Cyan (100%)
- Magenta (89%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001B35 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 001B35 by changing the saturation by 10% instead.

■ 001B35

■ 001B35

■ ECFEFF

■ 000220

■ 334664

■ 000004

■ 4B5D7D

■ 000000

■ 647697

■ 7D8FB2

■ 98AACD

■ B3C5E9

■ CFE1FF

■ 001B35

■ 051E35

■ 0B2035

■ 102335

■ 152535

■ 1B2835

■ 202B35

■ 252D35

■ 2A3035

■ 303235

Harmonies

Analogous

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



001F32



001B35



1D1630

Triad

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



001B35



311007



00200C

Complementary

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



001B35



351A00

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.



141E00



001B35



2B1500

Square

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



001B35



320D19



201A00



00211C

Rectangle

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



001B35



28122A



201A00



041F05

Sweetspot

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



001B35



303B45



00351A



171D24



A3A3A3



242424

Same Dimension

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



001B35



002345



000135



17181A



002D59



006ED9

Inverse Universe

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



35001B



450023



353400



1A1718



59002D



D9006E

Previews

White Background



This preview shows how the Hex color 001B35 looks on a white background.

Color Contrast Check

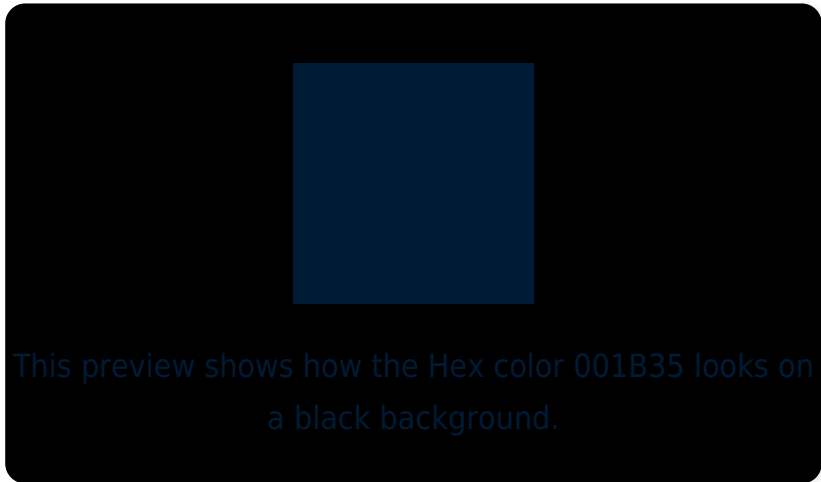
Large Text (above 18pt) WCAG AA ✓ Pass

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

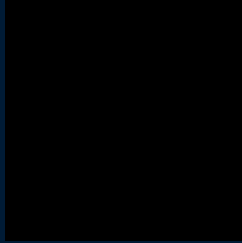
Any Text WCAG AA × Fail

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 001B35 Background



This preview shows how black text looks on a background with the Hex color 001B35.



This preview shows how white text looks on a background with the Hex color 001B35.

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
001B35

Protanopia
0C1A34

Deuteranopia
001C31



Tritanopia
001E20

Trichromacy



Original Color
001B35

Protanomaly
081A34

Deuteranomaly
001C32

Tritanomaly
001D28

Monochromacy



Original Color
001B35

Achromatopsia
161616

Achromatomaly
0E1821

CSS Examples

Text

The CSS property to change the color of the text to Hex 001B35 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 #001B35 looks like.

```
.text, #text, p{  
    color:#001B35  
}
```

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 #001B35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001B35
}
```

Border

The CSS property to change the border of an element to Hex 001B35 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
#001B35 }
```

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

```
.border{ border-color:#001B35 }
```

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

Here you see how a box with a 4 pixel #001B35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001B35; -webkit-box-shadow:4px 4px  
4px 4px #001B35; box-shadow:4px 4px 4px  
4px #001B35 }
```

Background

The CSS property to change the background color of an element to Hex 001B35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001B35 }
```

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

```
.background{ background-color:#001B35 }
```

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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