

Converting Colors

Hex(001B58)

Have a look what the booklet for
Hex(001B58) contains.

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Color

Hex(001B58)

Conversions

Conversions Part 1

Format	Color
Hex	001B58
RGB	0, 27, 88
RGB Percent	0%, 11%, 35%
CMY	1.0000, 0.8941, 0.6549
CMYK	1.00, 0.69, 0.00, 0.65
HSL	222°, 100%, 17%
HSV	222°, 100%, 35%
XYZ	2.1534, 1.4884, 9.4063
YIQ	25.8810, -35.6730, 13.2470

Conversions

Conversions Part 2

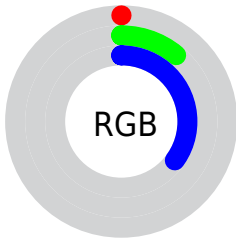
Format	Color
RYB	0, 21, 88
Decimal	7000
CIELab	12.53, 18.49, -39.22
CIELCh	13, 43.355, 295.241
Yxy	1.4884, 0.1650, 0.1141
Android (android.graphics.Color)	4278197080 (0xFF001B58)
YUV	25.8810, 30.6247, -22.6976
Hunter-Lab	12.2002, 10.1557, -37.1723

Details

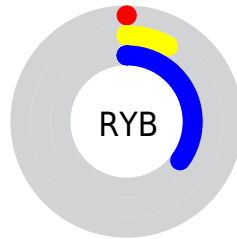
The Hex color **001B58** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **583D00**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **41468B**, and **000329** is the 20% darker color. If you saturate the color by 10%, you get **001B58**, and if you desaturate by 10%, it is **092158**.

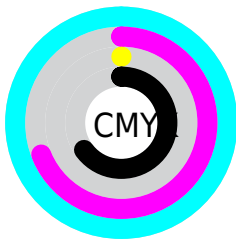
Distribution



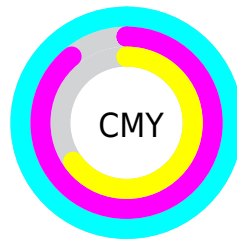
- Red (0%)
- Green (11%)
- Blue (35%)



- Red (0%)
- Yellow (8%)
- Blue (35%)



- Cyan (100%)
- Magenta (69%)
- Yellow (0%)
- Black (65%)



- Cyan (100%)
- Magenta (89%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001B58 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 001B58 by changing the saturation by 10% instead.

■ 001B58

■ 001B58

FFFEFF

■ 000140

■ 41468B

■ 000329

■ 5B5DA5

■ 000113

■ 7676C1

■ 000000

■ 9190DD

■ ADAAFA

■ C9C5FF

■ E6E1FF

■ 001B58

■ 092158

■ 122758

■ 1A2D58

■ 233358

■ 2C3A58

■ 354058

■ 3E4658

■ 464C58

■ 4F5258

Harmonies

Analogous

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



00275E



001B58



3E0343

Triad

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



001B58



430D00



002D1B

Complementary

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



001B58



583D00

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.



002A00



001B58



2E1E00

Square

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



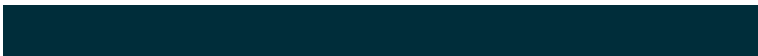
001B58



500004



102600



002D3A

Rectangle

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



001B58



4C0031



102600



002C0F

Sweetspot

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



001B58



505B73



00583C



262C3B



BABABA



3B3B3B

Same Dimension

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



001B58



002373



100058



27282B



00216B



0048EB

Inverse Universe

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



58001B



730023



485800



2B2728



6B0021



EB0048

Previews

White Background



This preview shows how the Hex color 001B58 looks on a white background.

Color Contrast Check

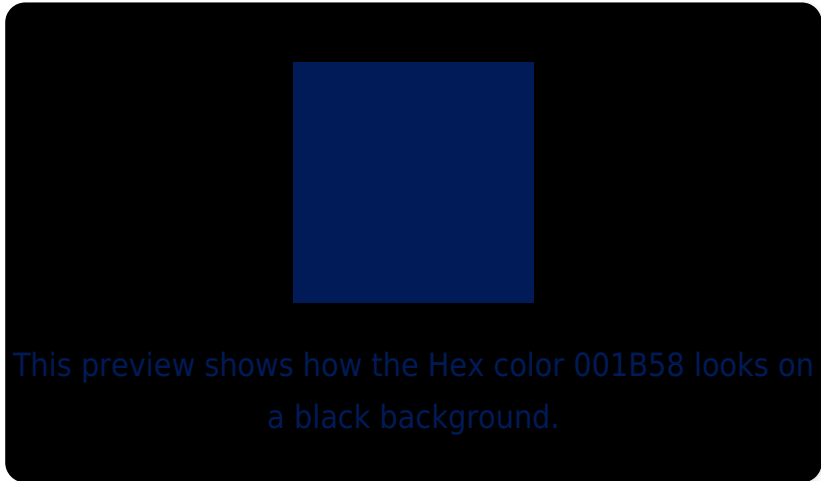
Large Text (above 18pt) WCAG AA ✓ Pass

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

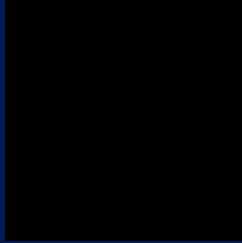
Any Text WCAG AA × Fail

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 001B58 Background



This preview shows how black text looks on a background with the Hex color 001B58.



This preview shows how white text looks on a background with the Hex color 001B58.

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
001B58

Protanopia
002145

Deuteranopia
00233B

Trichromacy



Original Color
001B58

Protanomaly
001F4C

Deuteranomaly
002046

Tritanomaly
002239

Monochromacy



Original Color
001B58

Achromatopsia
1A1A1A

Achromatomaly
111A31

CSS Examples

Text

The CSS property to change the color of the text to Hex 001B58 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 #001B58 looks like.

```
.text, #text, p{  
    color:#001B58  
}
```

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 #001B58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001B58
}
```

Border

The CSS property to change the border of an element to Hex 001B58 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
#001B58 }
```

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

```
.border{ border-color:#001B58 }
```

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

Here you see how a box with a 4 pixel #001B58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001B58; -webkit-box-shadow:4px 4px  
4px 4px #001B58; box-shadow:4px 4px 4px  
4px #001B58 }
```

Background

The CSS property to change the background color of an element to Hex 001B58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001B58 }
```

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

```
.background{ background-color:#001B58 }
```

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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