

Converting Colors

Hex(001B62)

Have a look what the booklet for
Hex(001B62) contains.

Hex(001B62)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(001B62)

Conversions

Conversions Part 1

Format	Color
Hex	001B62
RGB	0, 27, 98
RGB Percent	0%, 11%, 38%
CMY	1.0000, 0.8941, 0.6157
CMYK	1.00, 0.72, 0.00, 0.62
HSL	223°, 100%, 19%
HSV	223°, 100%, 38%
XYZ	2.5965, 1.6657, 11.7399
YIQ	27.0210, -38.8830, 16.3570

Conversions

Conversions Part 2

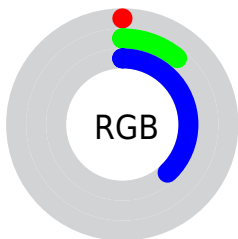
Format	Color
RYB	0, 21, 98
Decimal	7010
CIELab	13.62, 22.89, -44.11
CIELCh	14, 49.701, 297.428
Yxy	1.6657, 0.1623, 0.1041
Android (android.graphics.Color)	4278197090 (0xFF001B62)
YUV	27.0210, 34.9926, -23.6974
Hunter-Lab	12.9062, 13.3256, -44.8978

Details

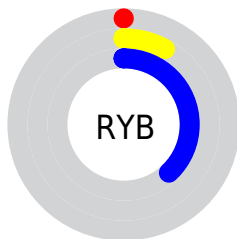
The Hex color **001B62** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **624700**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **454696**, and **000432** is the 20% darker color. If you saturate the color by 10%, you get **001B62**, and if you desaturate by 10%, it is **0A2262**.

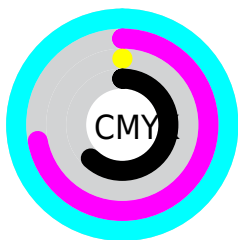
Distribution



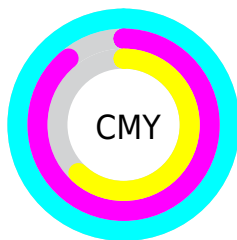
- Red (0%)
- Green (11%)
- Blue (38%)



- Red (0%)
- Yellow (8%)
- Blue (38%)



- Cyan (100%)
- Magenta (72%)
- Yellow (0%)
- Black (62%)



- Cyan (100%)
- Magenta (89%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001B62 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 001B62 by changing the saturation by 10% instead.

001B62

001B62

FFFEFF

00034A

454696

000432

605EB1

00021C

7B76CC

000000

9690E9

B2ABFF

CFC6FF

ECE2FF

001B62

■ 0A2262

■ 142962

■ 1D3062

■ 273762

■ 313F62

■ 3B4662

■ 454D62

■ 4E5462

■ 585B62

Harmonies

Analogous

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



00296A



001B62



470049

Triad

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



001B62



480D00



00301F

Complementary

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



001B62



624700

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.



002E00



001B62



2F2100

Square

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



001B62



590000



092A00



003042

Rectangle

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



001B62



560033



092A00



003012

Sweetspot

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



001B62



596480



006246



292F40



BFBFBF



404040

Same Dimension

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



001B62



002380



150062



2C2D30



001F70



0042F0

Inverse Universe

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



62001B



800023



4D6200



302C2D



70001F



F00042

Previews

White Background



This preview shows how the Hex color 001B62 looks on a white background.

Color Contrast Check

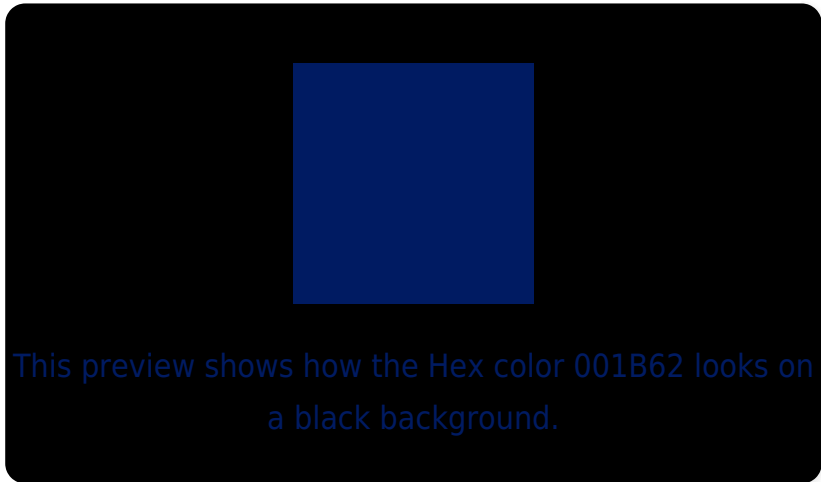
Large Text (above 18pt) WCAG AA ✓ Pass

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

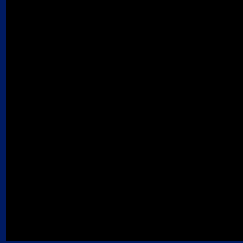
Any Text WCAG AA × Fail

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 001B62 Background



This preview shows how black text looks on a background with the Hex color 001B62.



This preview shows how white text looks on a background with the Hex color 001B62.

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
001B62

Protanopia
00234A

Deuteranopia
00263F

Trichromacy



Original Color
001B62

Protanomaly
002053

Deuteranomaly
00224C

Monochromacy



Original Color
001B62

Achromatopsia
1B1B1B

Achromatomaly
111B35

CSS Examples

Text

The CSS property to change the color of the text to Hex 001B62 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 #001B62 looks like.

```
.text, #text, p{  
    color:#001B62  
}
```

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 #001B62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001B62
}
```

Border

The CSS property to change the border of an element to Hex 001B62 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
#001B62 }
```

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

```
.border{ border-color:#001B62 }
```

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

Here you see how a box with a 4 pixel #001B62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001B62; -webkit-box-shadow:4px 4px  
4px 4px #001B62; box-shadow:4px 4px 4px  
4px #001B62 }
```

Background

The CSS property to change the background color of an element to Hex 001B62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001B62 }
```

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

```
.background{ background-color:#001B62 }
```

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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