

Converting Colors

Hex(001246)

Have a look what the booklet for
Hex(001246) contains.

Hex(001246)	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>	29

Color

Hex(001246)

Conversions

Conversions Part 1

Format	Color
Hex	001246
RGB	0, 18, 70
RGB Percent	0%, 7%, 27%
CMY	1.0000, 0.9294, 0.7255
CMYK	1.00, 0.74, 0.00, 0.73
HSL	225°, 100%, 14%
HSV	225°, 100%, 27%
XYZ	1.3218, 0.8748, 5.8935
YIQ	18.5460, -27.4200, 12.3560

Conversions

Conversions Part 2

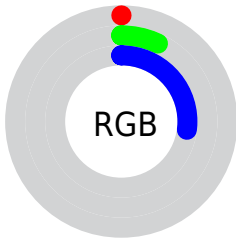
Format	Color
RYB	0, 14, 70
Decimal	4678
CIELab	7.90, 17.21, -34.44
CIELCh	8, 38.506, 296.553
Yxy	0.8748, 0.1634, 0.1081
Android (android.graphics.Color)	4278194758 (0xFF001246)
YUV	18.5460, 25.3668, -16.2648
Hunter-Lab	9.3531, 8.8579, -30.8123

Details

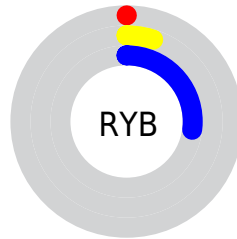
The Hex color **001246** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **463400**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **3A3B77**, and **00011A** is the 20% darker color. If you saturate the color by 10%, you get **001246**, and if you desaturate by 10%, it is **071746**.

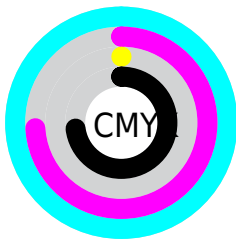
Distribution



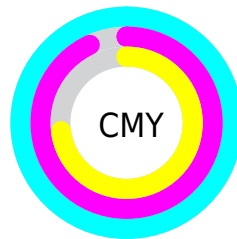
- Red (0%)
- Green (7%)
- Blue (27%)



- Red (0%)
- Yellow (5%)
- Blue (27%)



- Cyan (100%)
- Magenta (74%)
- Yellow (0%)
- Black (73%)



- Cyan (100%)
- Magenta (93%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001246 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 001246 by changing the saturation by 10% instead.

 001246

 001246

 F9F1FF

 00002F

 3A3B77

 00011A

 545291

 000000

 6E6BAC

 8884C7

 A39EE4

 BFB9FF

 DCD5FF

 001246

■ 071746

■ 0E1C46

■ 152246

■ 1C2746

■ 232C46

■ 2A3146

■ 313646

■ 383C46

■ 3F4146

Harmonies

Analogous

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



001C4C



001246



310034

Triad

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



001246



340800



002313

Complementary

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



001246



463400

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.



002200



001246



211600

Square

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



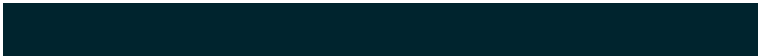
001246



400000



001D00



00242E

Rectangle

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



001246



3D0024



001D00



002305

Sweetspot

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



001246



40475C



004633



1D222E



ADADAD



2E2E2E

Same Dimension

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



001246



00185C



100046



202124



001A63



003AE3

Inverse Universe

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



460012



5C0018



364600



242021



63001A



E3003A

Previews

White Background



This preview shows how the Hex color 001246 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

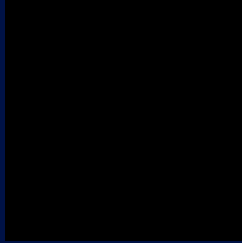
Any Text WCAG AA × Fail

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 001246 Background



This preview shows how black text looks on a background with the Hex color 001246.



This preview shows how white text looks on a background with the Hex color 001246.

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

001246

Protanopia

001934

Deuteranopia

001A2C



Tritanopia
001C1E

Trichromacy



Original Color
001246

Protanomaly
00163B

Deuteranomaly
001735

Tritanomaly
00182D

Monochromacy



Original Color
001246

Achromatopsia
131313

Achromatomaly
0C1326

CSS Examples

Text

The CSS property to change the color of the text to Hex 001246 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 #001246 looks like.

```
.text, #text, p{  
    color:#001246  
}
```

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 #001246 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001246
}
```

Border

The CSS property to change the border of an element to Hex 001246 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
#001246 }
```

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

```
.border{ border-color:#001246 }
```

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

Here you see how a box with a 4 pixel #001246 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001246; -webkit-box-shadow:4px 4px  
4px 4px #001246; box-shadow:4px 4px 4px  
4px #001246 }
```

Background

The CSS property to change the background color of an element to Hex 001246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001246 }
```

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

```
.background{ background-color:#001246 }
```

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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