

Converting Colors

Hex(001266)

Have a look what the booklet for
Hex(001266) contains.

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Color

Hex(001266)

Conversions

Conversions Part 1

Format	Color
Hex	001266
RGB	0, 18, 102
RGB Percent	0%, 7%, 40%
CMY	1.0000, 0.9294, 0.6000
CMYK	1.00, 0.82, 0.00, 0.60
HSL	229°, 100%, 20%
HSV	229°, 100%, 40%
XYZ	2.6146, 1.3919, 12.7012
YIQ	22.1940, -37.6920, 22.3080

Conversions

Conversions Part 2

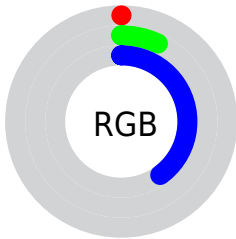
Format	Color
RYB	0, 15, 102
Decimal	4710
CIELab	11.90, 30.66, -49.61
CIELCh	12, 58.322, 301.716
Yxy	1.3919, 0.1565, 0.0833
Android (android.graphics.Color)	4278194790 (0xFF001266)
YUV	22.1940, 39.3444, -19.4641
Hunter-Lab	11.7980, 18.9114, -55.5707

Details

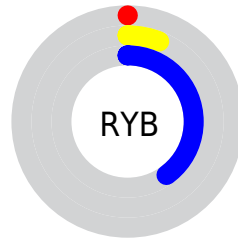
The Hex color **001266** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **665400**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **473D9A**, and **000536** is the 20% darker color. If you saturate the color by 10%, you get **001266**, and if you desaturate by 10%, it is **0A1A66**.

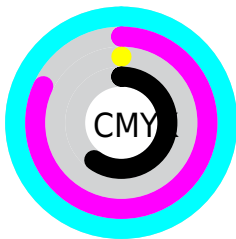
Distribution



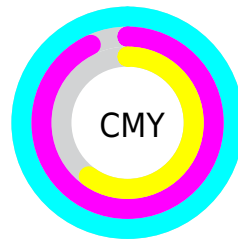
- Red (0%)
- Green (7%)
- Blue (40%)



- Red (0%)
- Yellow (6%)
- Blue (40%)



- Cyan (100%)
- Magenta (82%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (93%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001266 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 001266 by changing the saturation by 10% instead.

 001266

 001266

 FFF4FF

 00004D

 473D9A

 000536

 6355B5

 00021F

 7E6DD1

 000003

 9A87EE

 000000

 B7A1FF

 D3BCFF

 F1D8FF

 001266

■ 0A1A66

■ 142366

■ 1F2B66

■ 293466

■ 333C66

■ 3D4466

■ 474D66

■ 525566

■ 5C5E66

Harmonies

Analogous

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



002673



001266



4D0046

Triad

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



001266



440700



002E21

Complementary

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



001266



665400

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.



002D00



001266



261F00

Square

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



001266



590000



002800



002F49

Rectangle

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



001266



5B002C



002800



002D12

Sweetspot

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



001266



5D6485



006653



2A2F42



C2C2C2



424242

Same Dimension

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



001266



001785



200066



2E2F33



001473



002BF2

Inverse Universe

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



660012



850017



466600



332E2F



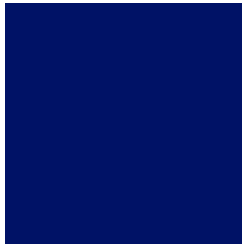
730014



F2002B

Previews

White Background



This preview shows how the Hex color 001266 looks on a white background.

Color Contrast Check

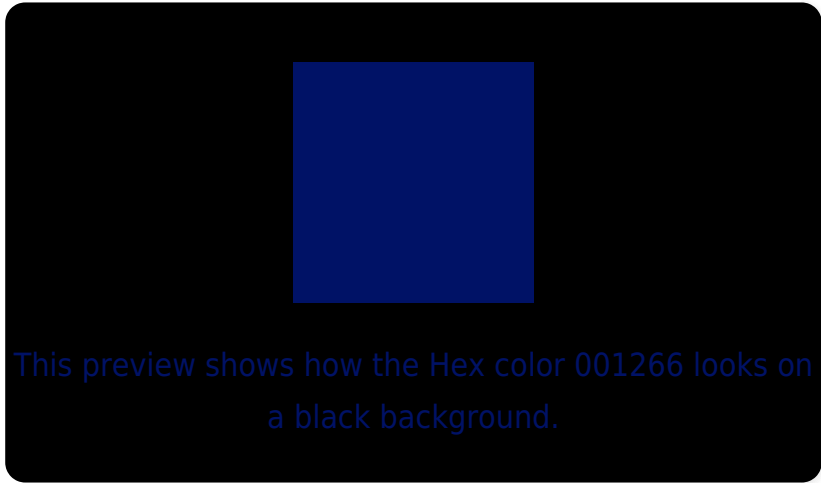
Large Text (above 18pt) WCAG AA ✓ Pass

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

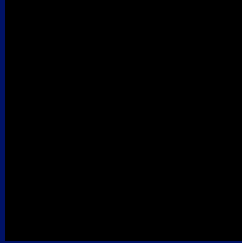
Any Text WCAG AA × Fail

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 001266 Background



This preview shows how black text looks on a background with the Hex color 001266.



This preview shows how white text looks on a background with the Hex color 001266.

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
001266

Protanopia
002144

Deuteranopia
00233A

Trichromacy



Original Color
001266

Protanomaly
001C50

Deuteranomaly
001D4A

Tritanomaly
001E3E

Monochromacy



Original Color
001266

Achromatopsia
161616

Achromatomaly
0E1533

CSS Examples

Text

The CSS property to change the color of the text to Hex 001266 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 #001266 looks like.

```
.text, #text, p{  
    color:#001266  
}
```

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 #001266 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001266
}
```

Border

The CSS property to change the border of an element to Hex 001266 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
#001266 }
```

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

```
.border{ border-color:#001266 }
```

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

Here you see how a box with a 4 pixel #001266 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001266; -webkit-box-shadow:4px 4px  
4px 4px #001266; box-shadow:4px 4px 4px  
4px #001266 }
```

Background

The CSS property to change the background color of an element to Hex 001266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001266 }
```

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

```
.background{ background-color:#001266 }
```

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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