

Converting Colors

Hex(001646)

Have a look what the booklet for
Hex(001646) contains.

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Color

Hex(001646)

Conversions

Conversions Part 1

Format	Color
Hex	001646
RGB	0, 22, 70
RGB Percent	0%, 9%, 27%
CMY	1.0000, 0.9137, 0.7255
CMYK	1.00, 0.69, 0.00, 0.73
HSL	221°, 100%, 14%
HSV	221°, 100%, 27%
XYZ	1.3924, 1.0160, 5.9171
YIQ	20.8940, -28.5200, 10.2640

Conversions

Conversions Part 2

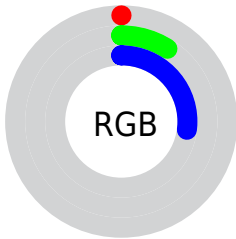
Format	Color
RYB	0, 17, 70
Decimal	5702
CIELab	9.12, 14.05, -32.44
CIELCh	9, 35.349, 293.418
Yxy	1.0160, 0.1672, 0.1220
Android (android.graphics.Color)	4278195782 (0xFF001646)
YUV	20.8940, 24.2093, -18.3240
Hunter-Lab	10.0798, 7.0181, -27.7489

Details

The Hex color **001646** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **463000**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **3A4077**, and **00011A** is the 20% darker color. If you saturate the color by 10%, you get **001646**, and if you desaturate by 10%, it is **071B46**.

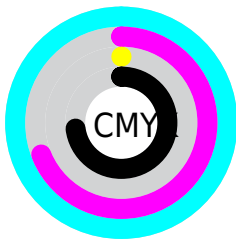
Distribution



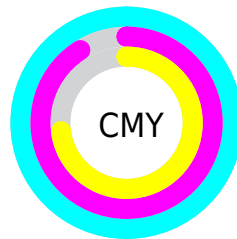
- Red (0%)
- Green (9%)
- Blue (27%)



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



- Cyan (100%)
- Magenta (69%)
- Yellow (0%)
- Black (73%)



- Cyan (100%)
- Magenta (91%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001646 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 001646 by changing the saturation by 10% instead.

■ 001646

■ 001646

■ F8F6FF

■ 00002F

■ 3A4077

■ 00011A

■ 535791

■ 000000

■ 6D6FAC

■ 8889C7

■ A3A3E3

■ BEBEFF

■ DBDAFF

■ 001646

■ 071B46

■ 0E2046

■ 152446

■ 1C2946

■ 232E46

■ 2A3346

■ 313846

■ 383C46

■ 3F4146

Harmonies

Analogous

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



001F4A



001646



300636

Triad

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



001646



370A00



002513

Complementary

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



001646



463000

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.



002300



001646



261700

Square

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



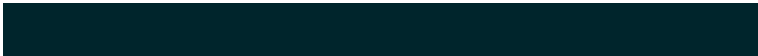
001646



410001



0E1E00



00252C

Rectangle

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



001646



3C0028



0E1E00



002407

Sweetspot

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



001646



40495C



004630



1D232E



ADADAD



2E2E2E

Same Dimension

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



001646



001D5C



0D0046



202124



001F63



0047E3

Inverse Universe

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



460016



5C001D



394600



242021



63001F



E30047

Previews

White Background



This preview shows how the Hex color 001646 looks on a white background.

Color Contrast Check

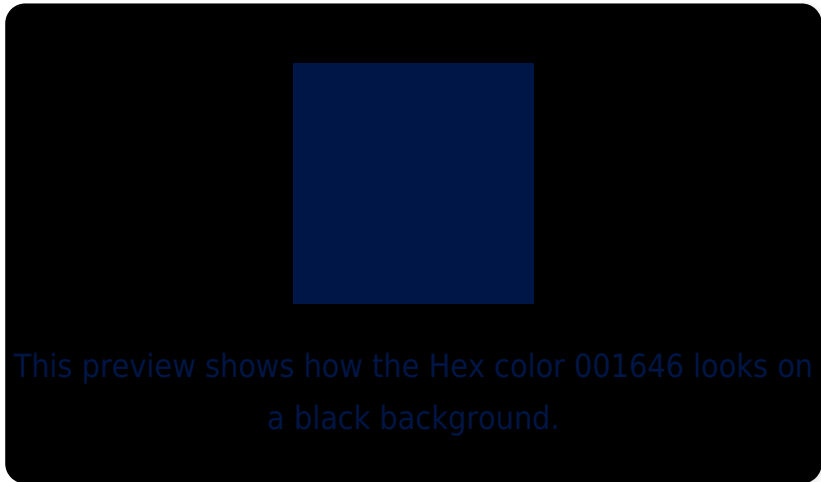
Large Text (above 18pt) WCAG AA ✓ Pass

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

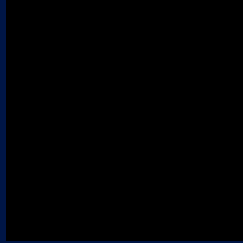
Any Text WCAG AA × Fail

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 001646 Background



This preview shows how black text looks on a background with the Hex color 001646.



This preview shows how white text looks on a background with the Hex color 001646.

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

001646

Protanopia

001A38

Deuteranopia

001C30



Tritanopia
001F20

Trichromacy



Original Color

001646

Protanomaly

00193D

Deuteranomaly

001A38

Tritanomaly

001C2E

Monochromacy



Original Color

001646

Achromatopsia

151515

Achromatomaly

0D1527

CSS Examples

Text

The CSS property to change the color of the text to Hex 001646 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 #001646 looks like.

```
.text, #text, p{  
    color:#001646  
}
```

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 #001646 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001646
}
```

Border

The CSS property to change the border of an element to Hex 001646 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
#001646 }
```

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

```
.border{ border-color:#001646 }
```

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

Here you see how a box with a 4 pixel #001646 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001646; -webkit-box-shadow:4px 4px  
4px 4px #001646; box-shadow:4px 4px 4px  
4px #001646 }
```

Background

The CSS property to change the background color of an element to Hex 001646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001646 }
```

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

```
.background{ background-color:#001646 }
```

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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