

Converting Colors

Hex(003126)

Have a look what the booklet for
Hex(003126) contains.

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Color

Hex(003126)

Conversions

Conversions Part 1

Format	Color
Hex	003126
RGB	0, 49, 38
RGB Percent	0%, 19%, 15%
CMY	1.0000, 0.8078, 0.8510
CMYK	1.00, 0.00, 0.22, 0.81
HSL	167°, 100%, 10%
HSV	167°, 100%, 19%
XYZ	1.4482, 2.3366, 2.2084
YIQ	33.0950, -25.6730, -13.8090

Conversions

Conversions Part 2

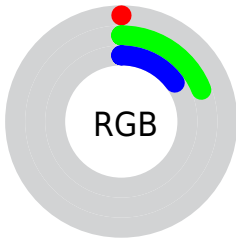
Format	Color
RYB	0, 28, 49
Decimal	12582
CIELab	17.16, -18.99, 2.63
CIELCh	17, 19.170, 172.101
Yxy	2.3366, 0.2416, 0.3899
Android (android.graphics.Color)	4278202662 (0xFF003126)
YUV	33.0950, 2.4182, -29.0243
Hunter-Lab	15.2858, -9.8393, 2.1342

Details

The Hex color **003126** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **31000B**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **336053**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **003126**, and if you desaturate by 10%, it is **053127**.

Distribution



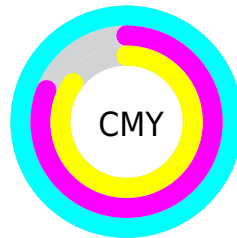
- Red (0%)
- Green (19%)
- Blue (15%)



- Red (0%)
- Yellow (11%)
- Blue (19%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (81%)



- Cyan (100%)
- Magenta (81%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003126 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 003126 by changing the saturation by 10% instead.

 003126

 003126

 ECFFF

 001D11

 336053

 000000

 4B796B

 649284

 7EAD9E

 98C9B9

 B4E5D5

 D0FFF1

 003126

■ 053127

■ 0A3128

■ 0F3129

■ 14312A

■ 19312B

■ 1D312D

■ 22312E

■ 27312F

■ 2C3130

Harmonies

Analogous

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



182F19



003126



003134

Triad

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



003126



262844



3F2315

Complementary

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



003126



31000B

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.



441F21



003126



38233B

Square

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



003126



072D45



421F2E



36280E

Rectangle

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



003126



00303C



421F2E



422218

Sweetspot

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



003126



2D403B



0B3100



15211E



A1A1A1



212121

Same Dimension

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



003126



004031



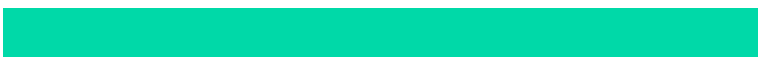
002431



171A19



005945



00D9A8

Inverse Universe

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



31000B



40000E



310D00



1A1718



590014



D90031

Previews

White Background



This preview shows how the Hex color 003126 looks on a white background.

Color Contrast Check

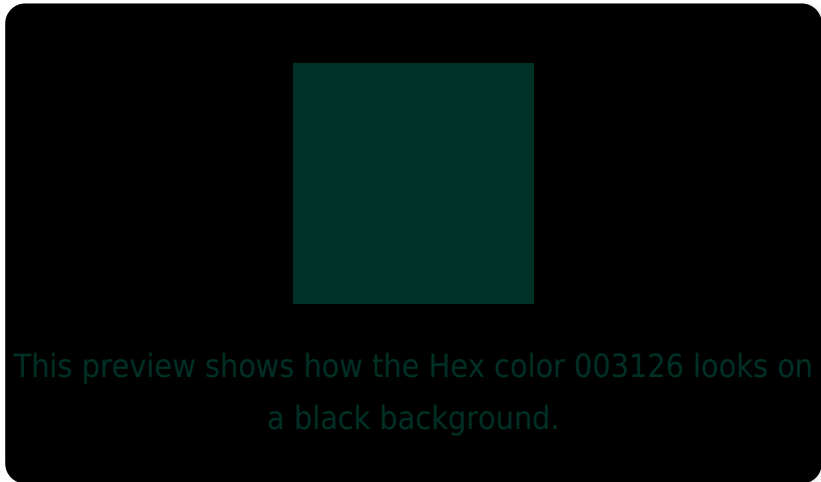
Large Text (above 18pt) WCAG AA ✓ Pass

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

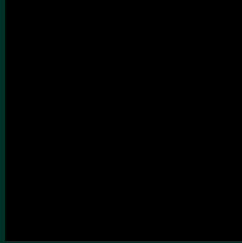
Any Text WCAG AA × Fail

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 003126 Background



This preview shows how black text looks on a background with the Hex color 003126.



This preview shows how white text looks on a background with the Hex color 003126.

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
003126

Protanopia
2D2B23

Deuteranopia
302928



Tritanopia
0F2F33

Trichromacy



Original Color
003126

Protanomaly
1D2D24

Deuteranomaly
1F2C27

Tritanomaly
0A302E

Monochromacy



Original Color
003126

Achromatopsia
212121

Achromatomaly
152723

CSS Examples

Text

The CSS property to change the color of the text to Hex 003126 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 #003126 looks like.

```
.text, #text, p{  
    color:#003126  
}
```

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 #003126 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003126
}
```

Border

The CSS property to change the border of an element to Hex 003126 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
#003126 }
```

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

```
.border{ border-color:#003126 }
```

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

Here you see how a box with a 4 pixel #003126 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003126; -webkit-box-shadow:4px 4px  
4px 4px #003126; box-shadow:4px 4px 4px  
4px #003126 }
```

Background

The CSS property to change the background color of an element to Hex 003126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003126 }
```

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

```
.background{ background-color:#003126 }
```

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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