

Converting Colors

Hex(002636)

Have a look what the booklet for
Hex(002636) contains.

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Color

Hex(002636)

Conversions

Conversions Part 1

Format	Color
Hex	002636
RGB	0, 38, 54
RGB Percent	0%, 15%, 21%
CMY	1.0000, 0.8510, 0.7882
CMYK	1.00, 0.30, 0.00, 0.79
HSL	198°, 100%, 11%
HSV	198°, 100%, 21%
XYZ	1.3590, 1.6526, 3.7374
YIQ	28.4620, -27.7840, -3.0800

Conversions

Conversions Part 2

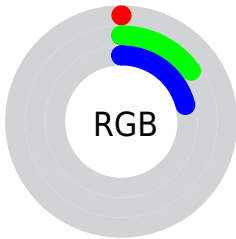
Format	Color
RYB	0, 22, 54
Decimal	9782
CIELab	13.55, -6.00, -14.06
CIELCh	14, 15.283, 246.878
Yxy	1.6526, 0.2014, 0.2449
Android (android.graphics.Color)	4278199862 (0xFF002636)
YUV	28.4620, 12.5902, -24.9612
Hunter-Lab	12.8552, -3.6268, -8.2386

Details

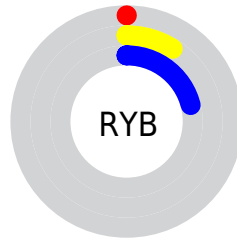
The Hex color **002636** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **361000**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **345365**, and **000007** is the 20% darker color. If you saturate the color by 10%, you get **002636**, and if you desaturate by 10%, it is **052836**.

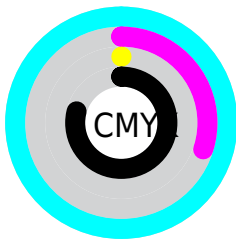
Distribution



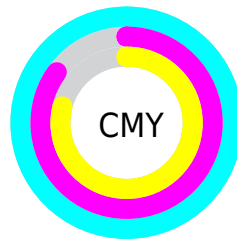
- Red (0%)
- Green (15%)
- Blue (21%)



- Red (0%)
- Yellow (9%)
- Blue (21%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (79%)



- Cyan (100%)
- Magenta (85%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002636 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 002636 by changing the saturation by 10% instead.

 002636

 002636

 EDFFFF

 001121

 345365

 000007

 4C6B7E

 000000

 658498

 7F9EB2

 99B9CE

 B5D5EA

 D1F1FF

 002636

■ 052836

■ 0B2936

■ 102B36

■ 162C36

■ 1B2E36

■ 203036

■ 263136

■ 2B3336

■ 313436

Harmonies

Analogous

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



00282F



002636



162338

Triad

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



002636



371A21



1C2611

Complementary

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



002636



361000

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.



27230C



002636



361C16

Square

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



002636



321B2B



301F0E



0E281A

Rectangle

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



002636



222036



301F0E



20250E

Sweetspot

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



002636



324147



00360F



172024



A3A3A3



242424

Same Dimension

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



002636



003247



000C36



191B1C



00415C



009ADB

Inverse Universe

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



360026



470032



362A00



1C191B



5C0041



DB009A

Previews

White Background



This preview shows how the Hex color 002636 looks on a white background.

Color Contrast Check

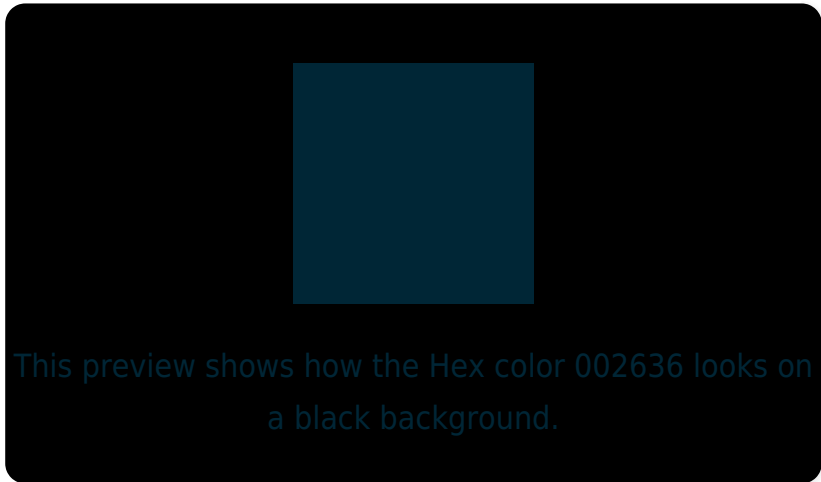
Large Text (above 18pt) WCAG AA ✓ Pass

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

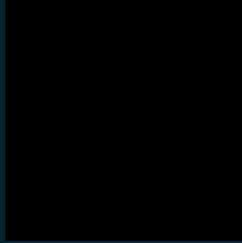
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

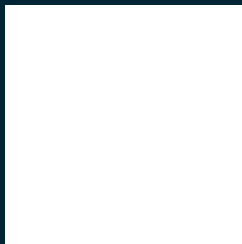
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 002636 Background



This preview shows how black text looks on a background with the Hex color 002636.



This preview shows how white text looks on a background with the Hex color 002636.

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
002636

Protanopia
1E2333

Deuteranopia
1A2337



Tritanopia
00282A

Trichromacy



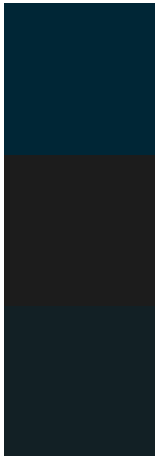
Original Color
002636

Protanomaly
132434

Deuteranomaly
112437

Tritanomaly
00272E

Monochromacy



Original Color
002636

Achromatopsia
1C1C1C

Achromatomaly
122025

CSS Examples

Text

The CSS property to change the color of the text to Hex 002636 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 #002636 looks like.

```
.text, #text, p{  
    color:#002636  
}
```

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 #002636 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002636
}
```

Border

The CSS property to change the border of an element to Hex 002636 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
#002636 }
```

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

```
.border{ border-color:#002636 }
```

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

Here you see how a box with a 4 pixel #002636 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002636; -webkit-box-shadow:4px 4px  
4px 4px #002636; box-shadow:4px 4px 4px  
4px #002636 }
```

Background

The CSS property to change the background color of an element to Hex 002636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002636 }
```

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

```
.background{ background-color:#002636 }
```

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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