

Converting Colors

Hex(002535)

Have a look what the booklet for
Hex(002535) contains.

Hex(002535)	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(002535)

Conversions

Conversions Part 1

Format	Color
Hex	002535
RGB	0, 37, 53
RGB Percent	0%, 15%, 21%
CMY	1.0000, 0.8549, 0.7922
CMYK	1.00, 0.30, 0.00, 0.79
HSL	198°, 100%, 10%
HSV	198°, 100%, 21%
XYZ	1.3042, 1.5802, 3.6044
YIQ	27.7610, -27.1880, -2.8680

Conversions

Conversions Part 2

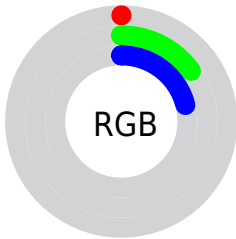
Format	Color
RYB	0, 22, 53
Decimal	9525
CIELab	13.11, -5.77, -14.03
CIElCh	13, 15.169, 247.653
Yxy	1.5802, 0.2010, 0.2435
Android (android.graphics.Color)	4278199605 (0xFF002535)
YUV	27.7610, 12.4428, -24.3464
Hunter-Lab	12.5705, -3.4793, -8.2013

Details

The Hex color **002535** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **351000**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **335264**, and **000005** is the 20% darker color. If you saturate the color by 10%, you get **002535**, and if you desaturate by 10%, it is **052735**.

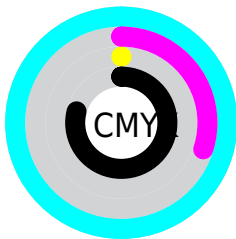
Distribution



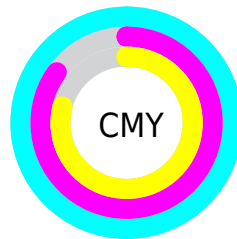
- Red (0%)
- Green (15%)
- Blue (21%)



- 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 002535 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 002535 by changing the saturation by 10% instead.

002535

002535

ECFFFF

001020

335264

000005

4C6A7D

000000

658397

7E9DB1

99B8CD

B4D3E9

D0F0FF

002535

■ 052735

■ 0B2835

■ 102A35

■ 152B35

■ 1B2D35

■ 202F35

■ 253035

■ 2A3235

■ 303335

Harmonies

Analogous

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



00272E



002535



162237

Triad

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



002535



36191F



1B2510

Complementary

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



002535



351000

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.



26220A



002535



351B15

Square

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



002535



311A2A



2F1E0D



0D2719

Rectangle

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



002535



211F34



2F1E0D



1F240E

Sweetspot

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



002535



303F45



003510



172024



A3A3A3



242424

Same Dimension

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



002535



003045



000B35



17191A



003E59



0097D9

Inverse Universe

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



350025



450030



352A00



1A1719



59003E



D90097

Previews

White Background



This preview shows how the Hex color 002535 looks on a white background.

Color Contrast Check

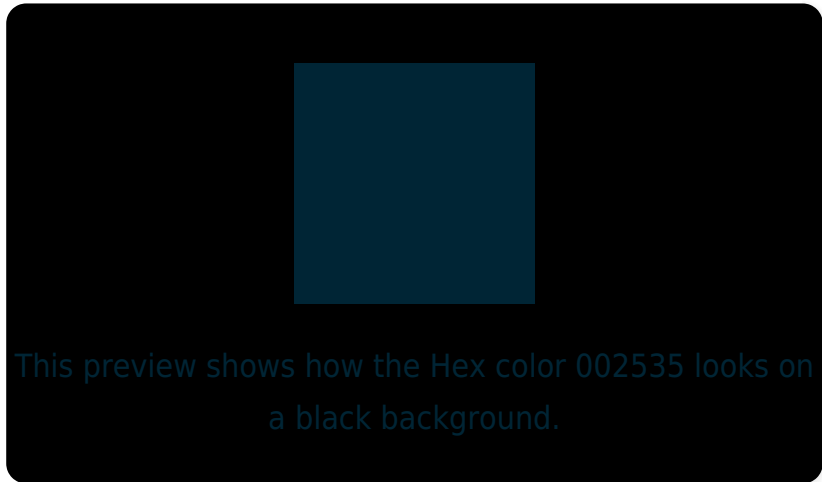
Large Text (above 18pt) WCAG AA ✓ Pass

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

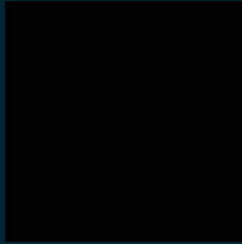
Any Text WCAG AA × Fail

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 002535 Background



This preview shows how black text looks on a background with the Hex color 002535.



This preview shows how white text looks on a background with the Hex color 002535.

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
002535

Protanopia
1D2233

Deuteranopia
192336

Trichromacy



Original Color
002535

Protanomaly
122334

Deuteranomaly
102436

Tritanomaly
00262D

Monochromacy



Original Color
002535

Achromatopsia
1C1C1C

Achromatomaly
121F25

CSS Examples

Text

The CSS property to change the color of the text to Hex 002535 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 #002535 looks like.

```
.text, #text, p{  
    color:#002535  
}
```

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 #002535 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002535
}
```

Border

The CSS property to change the border of an element to Hex 002535 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
#002535 }
```

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

```
.border{ border-color:#002535 }
```

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

Here you see how a box with a 4 pixel #002535 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002535; -webkit-box-shadow:4px 4px  
4px 4px #002535; box-shadow:4px 4px 4px  
4px #002535 }
```

Background

The CSS property to change the background color of an element to Hex 002535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002535 }
```

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

```
.background{ background-color:#002535 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor