

Converting Colors

Hex(004256)

Have a look what the booklet for
Hex(004256) contains.

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Color

Hex(004256)

Conversions

Conversions Part 1

Format	Color
Hex	004256
RGB	0, 66, 86
RGB Percent	0%, 26%, 34%
CMY	1.0000, 0.7412, 0.6627
CMYK	1.00, 0.23, 0.00, 0.66
HSL	194°, 100%, 17%
HSV	194°, 100%, 34%
XYZ	3.6279, 4.5683, 9.4947
YIQ	48.5460, -45.7560, -7.7720

Conversions

Conversions Part 2

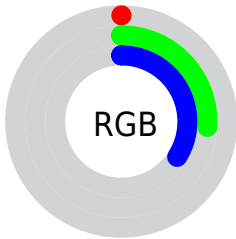
Format	Color
RYB	0, 37, 86
Decimal	16982
CIELab	25.47, -10.39, -17.19
CIELCh	25, 20.089, 238.852
Yxy	4.5683, 0.2051, 0.2582
Android (android.graphics.Color)	4278207062 (0xFF004256)
YUV	48.5460, 18.4648, -42.5748
Hunter-Lab	21.3736, -7.1055, -11.3765

Details

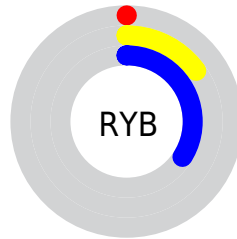
The Hex color **004256** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **561400**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **407288**, and **001829** is the 20% darker color. If you saturate the color by 10%, you get **004256**, and if you desaturate by 10%, it is **094456**.

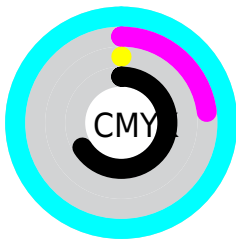
Distribution



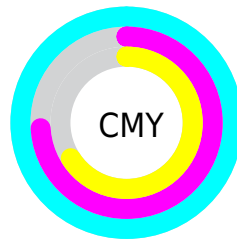
- Red (0%)
- Green (26%)
- Blue (34%)



- Red (0%)
- Yellow (15%)
- Blue (34%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (66%)



- Cyan (100%)
- Magenta (74%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004256 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 004256 by changing the saturation by 10% instead.

004256

004256

FFFFFF

002C3F

407288

001829

5A8BA2

000114

75A6BD

000000

90C1D9

ABDDF5

C7F9FF

E4FFFF

004256

■ 094456

■ 114656

■ 1A4856

■ 224A56

■ 2B4C56

■ 344E56

■ 3C5056

■ 455256

■ 4D5456

Harmonies

Analogous

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



00444B



004256



243E5B

Triad

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



004256



58303E



374021

Complementary

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



004256



561400

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.



473B1E



004256



59312E

Square

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



004256



4F334C



533623



25432C

Rectangle

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



004256



353B59



533623



3C3E1F

Sweetspot

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



004256



4F6870



005613



243338



B8B8B8



383838

Same Dimension

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



004256



005670



001856



272A2B



00526B



00B4EB

Inverse Universe

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



560042



700056



563E00



2B272A



6B0052



EB00B4

Previews

White Background



This preview shows how the Hex color 004256 looks on a white background.

Color Contrast Check

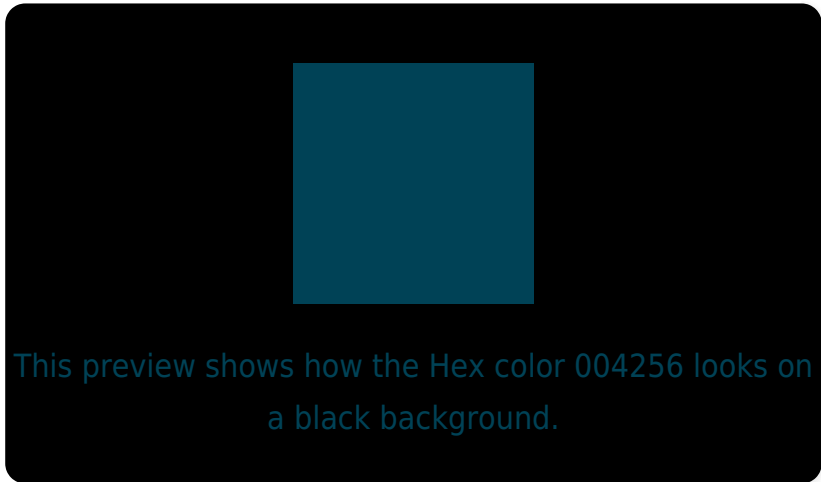
Large Text (above 18pt) WCAG AA ✓ Pass

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

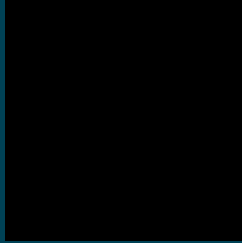
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

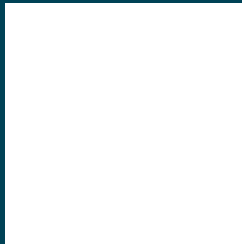
Any Text WCAG AAA × Fail

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

Hex 004256 Background



This preview shows how black text looks on a background with the Hex color 004256.

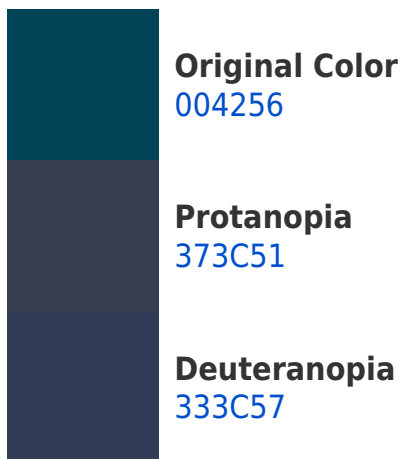


This preview shows how white text looks on a background with the Hex color 004256.

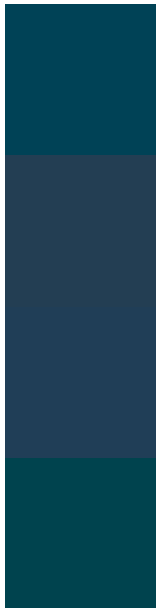
Color Blindness Simulation

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



Trichromacy



Original Color
004256

Protanomaly
233E53

Deuteranomaly
203E57

Tritanomaly
00434E

Monochromacy



Original Color
004256

Achromatopsia
313131

Achromatomaly
1F373E

CSS Examples

Text

The CSS property to change the color of the text to Hex 004256 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 #004256 looks like.

```
.text, #text, p{  
    color:#004256  
}
```

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 #004256 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004256
}
```

Border

The CSS property to change the border of an element to Hex 004256 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
#004256 }
```

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

```
.border{ border-color:#004256 }
```

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

Here you see how a box with a 4 pixel #004256 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004256; -webkit-box-shadow:4px 4px  
4px 4px #004256; box-shadow:4px 4px 4px  
4px #004256 }
```

Background

The CSS property to change the background color of an element to Hex 004256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004256 }
```

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

```
.background{ background-color:#004256 }
```

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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