

Converting Colors

Hex(004053)

Have a look what the booklet for
Hex(004053) contains.

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Color

Hex(004053)

Conversions

Conversions Part 1

Format	Color
Hex	004053
RGB	0, 64, 83
RGB Percent	0%, 25%, 33%
CMY	1.0000, 0.7490, 0.6745
CMYK	1.00, 0.23, 0.00, 0.67
HSL	194°, 100%, 16%
HSV	194°, 100%, 33%
XYZ	3.3947, 4.2913, 8.8330
YIQ	47.0300, -44.2430, -7.6590

Conversions

Conversions Part 2

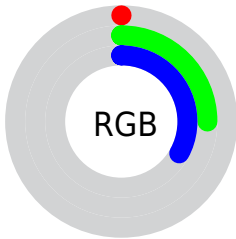
Format	Color
RYB	0, 36, 83
Decimal	16467
CIELab	24.61, -10.39, -16.56
CIELCh	25, 19.548, 237.891
Yxy	4.2913, 0.2055, 0.2598
Android (android.graphics.Color)	4278206547 (0xFF004053)
YUV	47.0300, 17.7332, -41.2453
Hunter-Lab	20.7155, -7.0007, -10.7801

Details

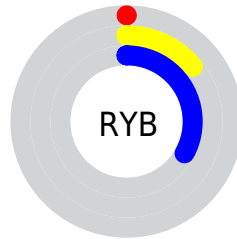
The Hex color **004053** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **531300**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **3F7085**, and **001626** is the 20% darker color. If you saturate the color by 10%, you get **004053**, and if you desaturate by 10%, it is **084253**.

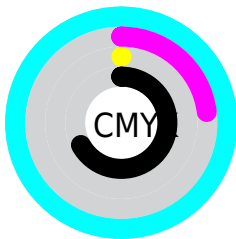
Distribution



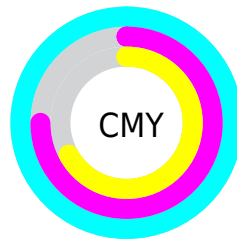
- Red (0%)
- Green (25%)
- Blue (33%)



- Red (0%)
- Yellow (14%)
- Blue (33%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (67%)



- Cyan (100%)
- Magenta (75%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004053 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 004053 by changing the saturation by 10% instead.

004053

004053

FFFFFF

002A3C

3F7085

001626

59899F

000110

73A3BA

000000

8EBFD5

AADAF2

C6F7FF

E2FFFF

004053

■ 084253

■ 114453

■ 194653

■ 214853

■ 294953

■ 324B53

■ 3A4D53

■ 424F53

■ 4B5153

Harmonies

Analogous

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



004248



004053



223C58

Triad

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



004053



552F3C



363E20

Complementary

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



004053



531300

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.



45391D



004053



56302D

Square

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



004053



4C324A



503422



24412A

Rectangle

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



004053



333956



503422



3B3C1E

Sweetspot

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



004053



4B646B



005312



223136



B5B5B5



363636

Same Dimension

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



004053



00536B



001853



252829



005169



00B3E8

Inverse Universe

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



530040



6B0053



533B00



292528



690051



E800B3

Previews

White Background



This preview shows how the Hex color 004053 looks on a white background.

Color Contrast Check

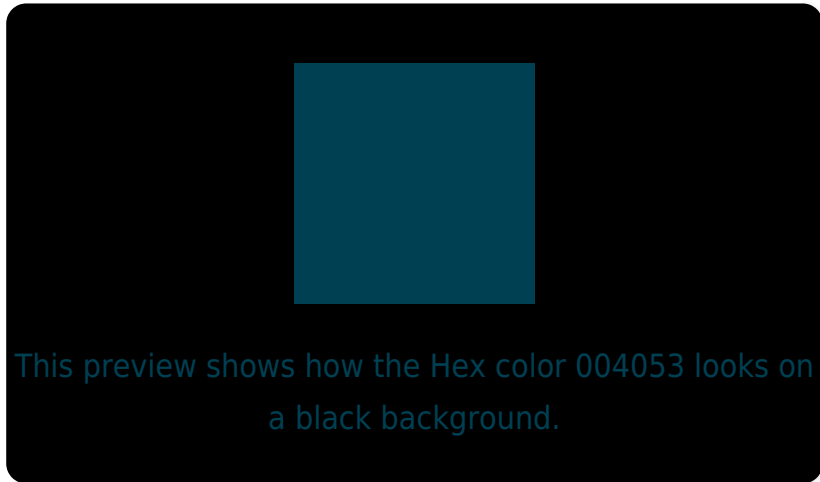
Large Text (above 18pt) WCAG AA ✓ Pass

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

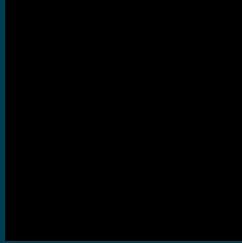
Any Text WCAG AA × Fail

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 004053 Background



This preview shows how black text looks on a background with the Hex color 004053.



This preview shows how white text looks on a background with the Hex color 004053.

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

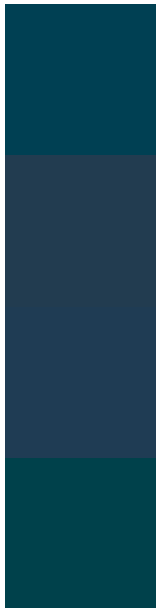


Original Color
004053

Protanopia
353A4F

Deuteranopia
313A54

Trichromacy



Original Color
004053

Protanomaly
223C50

Deuteranomaly
1F3C54

Tritanomaly
00414B

Monochromacy



Original Color
004053

Achromatopsia
2F2F2F

Achromatomaly
1E353C

CSS Examples

Text

The CSS property to change the color of the text to Hex 004053 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 #004053 looks like.

```
.text, #text, p{  
    color:#004053  
}
```

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 #004053 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004053
}
```

Border

The CSS property to change the border of an element to Hex 004053 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
#004053 }
```

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

```
.border{ border-color:#004053 }
```

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

Here you see how a box with a 4 pixel #004053 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004053; -webkit-box-shadow:4px 4px  
4px 4px #004053; box-shadow:4px 4px 4px  
4px #004053 }
```

Background

The CSS property to change the background color of an element to Hex 004053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004053 }
```

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

```
.background{ background-color:#004053 }
```

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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