

Converting Colors

Hex(004054)

Have a look what the booklet for
Hex(004054) contains.

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Color

Hex(004054)

Conversions

Conversions Part 1

Format	Color
Hex	004054
RGB	0, 64, 84
RGB Percent	0%, 25%, 33%
CMY	1.0000, 0.7490, 0.6706
CMYK	1.00, 0.24, 0.00, 0.67
HSL	194°, 100%, 16%
HSV	194°, 100%, 33%
XYZ	3.4336, 4.3069, 9.0378
YIQ	47.1440, -44.5640, -7.3480

Conversions

Conversions Part 2

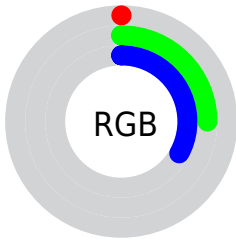
Format	Color
R_{YB}	0, 36, 84
Decimal	16468
CIE _{Lab}	24.66, -9.98, -17.14
CIE _{LCh}	25, 19.830, 239.798
Yxy	4.3069, 0.2046, 0.2567
Android (android.graphics.Color)	4278206548 (0xFF004054)
YUV	47.1440, 18.1700, -41.3453
Hunter-Lab	20.7530, -6.7846, -11.2934

Details

The Hex color **004054** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **541400**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **3F7086**, and **001627** is the 20% darker color. If you saturate the color by 10%, you get **004054**, and if you desaturate by 10%, it is **084254**.

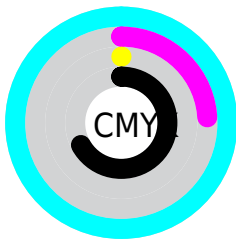
Distribution



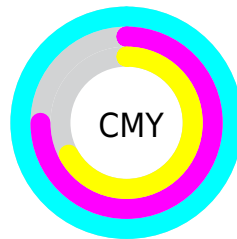
- Red (0%)
- Green (25%)
- Blue (33%)



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



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (67%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 004054 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 004054 by changing the saturation by 10% instead.

004054

004054

FFFFFF

002A3D

3F7086

001627

5989A0

000112

74A3BB

000000

8FBFD7

AADAF3

C6F7FF

E3FFFF

004054

■ 084254

■ 114454

■ 194654

■ 224854

■ 2A4A54

■ 324C54

■ 3B4E54

■ 435054

■ 4C5254

Harmonies

Analogous

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



004249



004054



233C58

Triad

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



004054



562F3B



353E20

Complementary

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



004054



541400

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.



443A1C



004054



57302C

Square

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



004054



4D314A



503421



23412B

Rectangle

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



004054



343957



503421



3A3D1E

Sweetspot

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



004054



4D666E



005414



243338



B8B8B8



383838

Same Dimension

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



004054



00546E



001654



252829



005069



00B1E8

Inverse Universe

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



540040



6E0054



543E00



292528



690050



E800B1

Previews

White Background



This preview shows how the Hex color 004054 looks on a white background.

Color Contrast Check

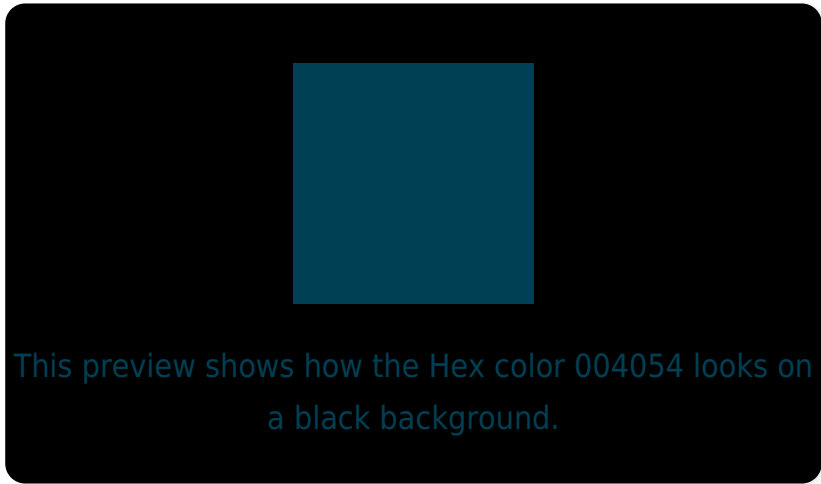
Large Text (above 18pt) WCAG AA ✓ Pass

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

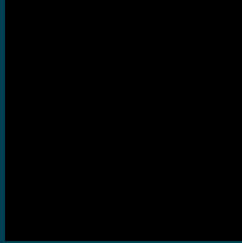
Any Text WCAG AA × Fail

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 004054 Background



This preview shows how black text looks on a background with the Hex color 004054.



This preview shows how white text looks on a background with the Hex color 004054.

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

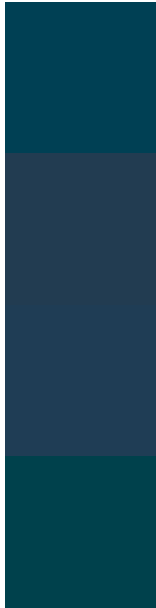


Original Color
004054

Protanopia
353A50

Deuteranopia
313B55

Trichromacy



Original Color
004054

Protanomaly
223C51

Deuteranomaly
1F3D55

Tritanomaly
00414C

Monochromacy



Original Color
004054

Achromatopsia
2F2F2F

Achromatomaly
1E353C

CSS Examples

Text

The CSS property to change the color of the text to Hex 004054 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 #004054 looks like.

```
.text, #text, p{  
    color:#004054  
}
```

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 #004054 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004054
}
```

Border

The CSS property to change the border of an element to Hex 004054 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
#004054 }
```

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

```
.border{ border-color:#004054 }
```

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

Here you see how a box with a 4 pixel #004054 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004054; -webkit-box-shadow:4px 4px  
4px 4px #004054; box-shadow:4px 4px 4px  
4px #004054 }
```

Background

The CSS property to change the background color of an element to Hex 004054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004054 }
```

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

```
.background{ background-color:#004054 }
```

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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