

Converting Colors

Hex(004244)

Have a look what the booklet for
Hex(004244) contains.

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Color

Hex(004244)

Conversions

Conversions Part 1

Format	Color
Hex	004244
RGB	0, 66, 68
RGB Percent	0%, 26%, 27%
CMY	1.0000, 0.7412, 0.7333
CMYK	1.00, 0.03, 0.00, 0.73
HSL	182°, 100%, 13%
HSV	182°, 100%, 27%
XYZ	2.9916, 4.3138, 6.1438
YIQ	46.4940, -39.9780, -13.3700

Conversions

Conversions Part 2

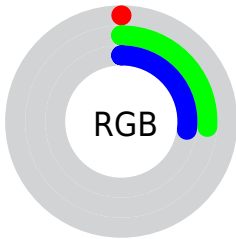
Format	Color
RYB	0, 33, 68
Decimal	16964
CIELab	24.68, -17.49, -6.57
CIELCh	25, 18.682, 200.583
Yxy	4.3138, 0.2224, 0.3207
Android (android.graphics.Color)	4278207044 (0xFF004244)
YUV	46.4940, 10.6025, -40.7752
Hunter-Lab	20.7697, -10.6363, -2.9996

Details

The Hex color **004244** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **440200**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **3C7274**, and **001919** is the 20% darker color. If you saturate the color by 10%, you get **004244**, and if you desaturate by 10%, it is **074244**.

Distribution



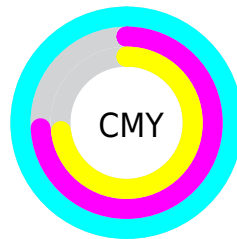
- Red (0%)
- Green (26%)
- Blue (27%)



- Red (0%)
- Yellow (13%)
- Blue (27%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (73%)



- Cyan (100%)
- Magenta (74%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004244 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 004244 by changing the saturation by 10% instead.

 004244

 004244

 FBFFFF

 002C2E

 3C7274

 001919

 568C8E

 000000

 70A6A8

 8AC2C3

 A5DEDF

 C1FAFC

 DEFFFF

 004244

■ 074244

■ 0E4244

■ 144344

■ 1B4344

■ 224344

■ 294344

■ 304344

■ 364444

■ 3D4444

Harmonies

Analogous

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



174236



004244



014150

Triad

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



004244



48334D



48381F

Complementary

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



004244



440200

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.



523325



004244



533040

Square

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



004244



363955



563031



3A3D20

Rectangle

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



004244



143F55



563031



4C3720

Sweetspot

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



004244



3E5859



004401



1D2D2E



ADADAD



2E2E2E

Same Dimension

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



004244



005759



002144



1E2121



005E61



00DAE0

Inverse Universe

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



440042



590057



442300



211E21



61005E



E000DA

Previews

White Background



This preview shows how the Hex color 004244 looks on a white background.

Color Contrast Check

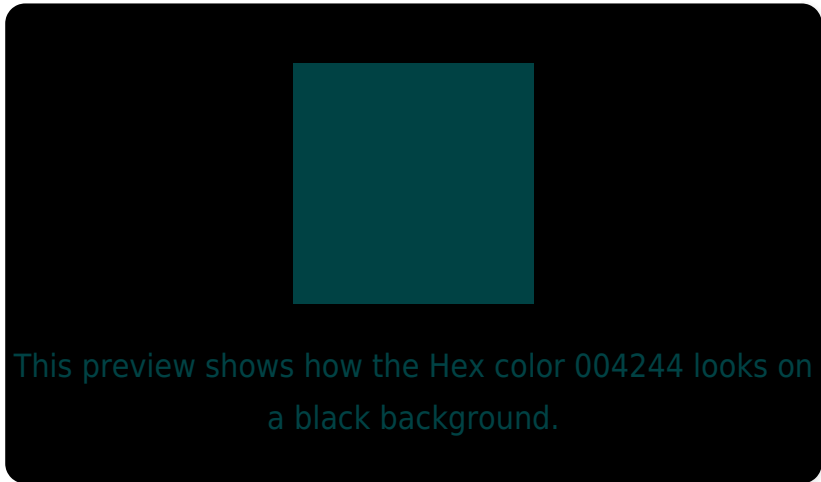
Large Text (above 18pt) WCAG AA ✓ Pass

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

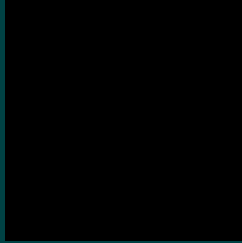
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

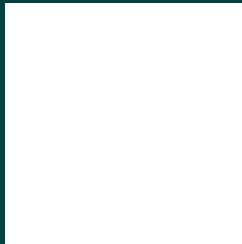
Any Text WCAG AAA × Fail

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

Hex 004244 Background



This preview shows how black text looks on a background with the Hex color 004244.



This preview shows how white text looks on a background with the Hex color 004244.

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
004244

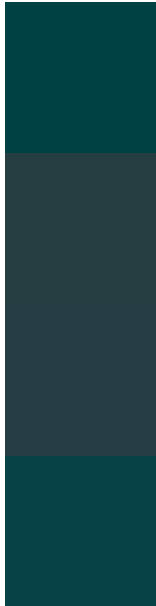
Protanopia
3B3B3F

Deuteranopia
3C3A46



Tritanopia
0A4247

Trichromacy



Original Color
004244

Protanomaly
263E41

Deuteranomaly
263D45

Tritanomaly
064246

Monochromacy



Original Color
004244

Achromatopsia
2E2E2E

Achromatomaly
1D3536

CSS Examples

Text

The CSS property to change the color of the text to Hex 004244 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 #004244 looks like.

```
.text, #text, p{  
    color:#004244  
}
```

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 #004244 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004244
}
```

Border

The CSS property to change the border of an element to Hex 004244 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
#004244 }
```

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

```
.border{ border-color:#004244 }
```

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

Here you see how a box with a 4 pixel #004244 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004244; -webkit-box-shadow:4px 4px  
4px 4px #004244; box-shadow:4px 4px 4px  
4px #004244 }
```

Background

The CSS property to change the background color of an element to Hex 004244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004244 }
```

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

```
.background{ background-color:#004244 }
```

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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