

Converting Colors

Hex(024946)

Have a look what the booklet for
Hex(024946) contains.

Hex(024946)	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(024946)

Conversions

Conversions Part 1

Format	Color
Hex	024946
RGB	2, 73, 70
RGB Percent	1%, 29%, 27%
CMY	0.9922, 0.7137, 0.7255
CMYK	0.97, 0.00, 0.04, 0.71
HSL	177°, 95%, 15%
HSV	177°, 97%, 29%
XYZ	3.5131, 5.2202, 6.6168
YIQ	51.4290, -41.3530, -15.9850

Conversions

Conversions Part 2

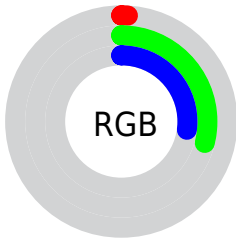
Format	Color
R_{YB}	2, 38, 73
Decimal	149830
CIE _{Lab}	27.35, -20.31, -3.88
CIE _{LCh}	27, 20.682, 190.825
Yxy	5.2202, 0.2289, 0.3401
Android (android.graphics.Color)	4278339910 (0xFF024946)
YUV	51.4290, 9.1555, -43.3492
Hunter-Lab	22.8477, -12.5374, -1.1772

Details

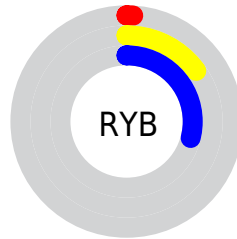
The Hex color **024946** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **490205**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **3F7A76**, and **001E1B** is the 20% darker color. If you saturate the color by 10%, you get **004946**, and if you desaturate by 10%, it is **094946**.

Distribution



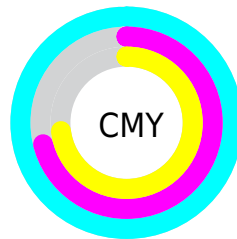
- Red (1%)
- Green (29%)
- Blue (27%)



- Red (1%)
- Yellow (15%)
- Blue (29%)



- Cyan (97%)
- Magenta (0%)
- Yellow (4%)
- Black (71%)



- Cyan (99%)
- Magenta (71%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 024946 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 024946 by changing the saturation by 10% instead.

 024946

 024946

FFFFFF

 003230

 3F7A76

 001E1B

 599490

 000000

 73AFAA

 8ECAC6

 A9E6E1

 C5FFFE

 E2FFFF

 024946

 024946

■ 004946

■ 094946

■ 114947

■ 184947

■ 1F4947

■ 264948

■ 2E4948

■ 354948

■ 3C4948

■ 444949

Harmonies

Analogous

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



1F4836



024946



004855

Triad

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



024946



4A3A59



533C23

Complementary

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



024946



490205

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.



5D372D



024946



59354B

Square

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



024946



324060



5F343B



454221

Rectangle

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



024946



05465C



5F343B



573A25

Sweetspot

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



024946



435E5D



064902



1F3030



B0B0B0



303030

Same Dimension

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



024946



005E5A



022949



202424



00635F



00E3D9

Inverse Universe

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



490205



5E0004



492202



242020



630004



E3000A

Previews

White Background



This preview shows how the Hex color 024946 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 024946 Background



This preview shows how black text looks on a background with the Hex color 024946.



This preview shows how white text looks on a background with the Hex color 024946.

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
024946

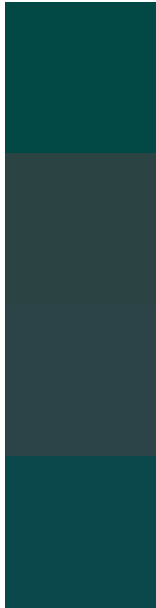
Protanopia
424141

Deuteranopia
443F48



Tritanopia
10484E

Trichromacy



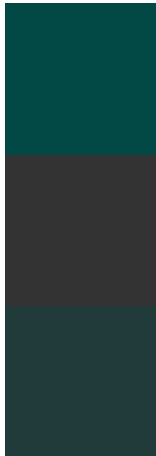
Original Color
024946

Protanomaly
2B4443

Deuteranomaly
2C4347

Tritanomaly
0B484B

Monochromacy



Original Color
024946

Achromatopsia
333333

Achromatomaly
213B3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 024946 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 #024946 looks like.

```
.text, #text, p{  
    color:#024946  
}
```

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 #024946 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #024946
}
```

Border

The CSS property to change the border of an element to Hex 024946 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
#024946 }
```

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

```
.border{ border-color:#024946 }
```

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

Here you see how a box with a 4 pixel #024946 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #024946; -webkit-box-shadow:4px 4px  
4px 4px #024946; box-shadow:4px 4px 4px  
4px #024946 }
```

Background

The CSS property to change the background color of an element to Hex 024946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#024946 }
```

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

```
.background{ background-color:#024946 }
```

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