

Converting Colors

Hex(004929)

Have a look what the booklet for
Hex(004929) contains.

Hex(004929)	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(004929)

Conversions

Conversions Part 1

Format	Color
Hex	004929
RGB	0, 73, 41
RGB Percent	0%, 29%, 16%
CMY	1.0000, 0.7137, 0.8392
CMYK	1.00, 0.00, 0.44, 0.71
HSL	154°, 100%, 14%
HSV	154°, 100%, 29%
XYZ	2.7828, 4.9252, 2.9018
YIQ	47.5250, -33.2360, -25.4280

Conversions

Conversions Part 2

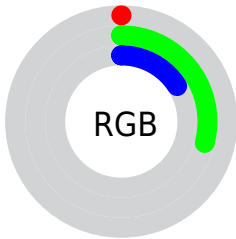
Format	Color
RYB	0, 47, 73
Decimal	18729
CIELab	26.52, -29.17, 13.57
CIELCh	27, 32.175, 155.052
Yxy	4.9252, 0.2623, 0.4642
Android (android.graphics.Color)	4278208809 (0xFF004929)
YUV	47.5250, -3.2168, -41.6794
Hunter-Lab	22.1928, -16.4549, 7.7825

Details

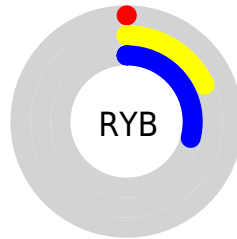
The Hex color **004929** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **490020**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **3C7A57**, and **001F00** is the 20% darker color. If you saturate the color by 10%, you get **004929**, and if you desaturate by 10%, it is **07492C**.

Distribution



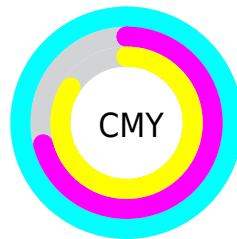
- Red (0%)
- Green (29%)
- Blue (16%)



- Red (0%)
- Yellow (18%)
- Blue (29%)



- Cyan (100%)
- Magenta (0%)
- Yellow (44%)
- Black (71%)



- Cyan (100%)
- Magenta (71%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004929 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 004929 by changing the saturation by 10% instead.

 004929

 004929

 FAFFFF

 003214

 3C7A57

 001F00

 55956F

 000000

 6FAF88

 8ACBA3

 A5E7BE

 C1FFDA

 DDFFF6

 004929

■ 07492C

■ 0F492F

■ 164933

■ 1D4936

■ 254939

■ 2C493C

■ 33493F

■ 3A4943

■ 424946

Harmonies

Analogous

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



2E4514



004929



004A42

Triad

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



004929



0C4070



692C24

Complementary

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



004929



490020

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.



6B283C



004929



453667

Square

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



004929



00476B



602C54



5C3611

Rectangle

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



004929



004A53



602C54



6B2A2B

Sweetspot

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



004929



425E52



214900



1F3029



B0B0B0



303030

Same Dimension

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



004929



005E35



004549



202422



006338



00E37F

Inverse Universe

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



490020



5E0029



490400



242022



63002C



E30063

Previews

White Background



This preview shows how the Hex color 004929 looks on a white background.

Color Contrast Check

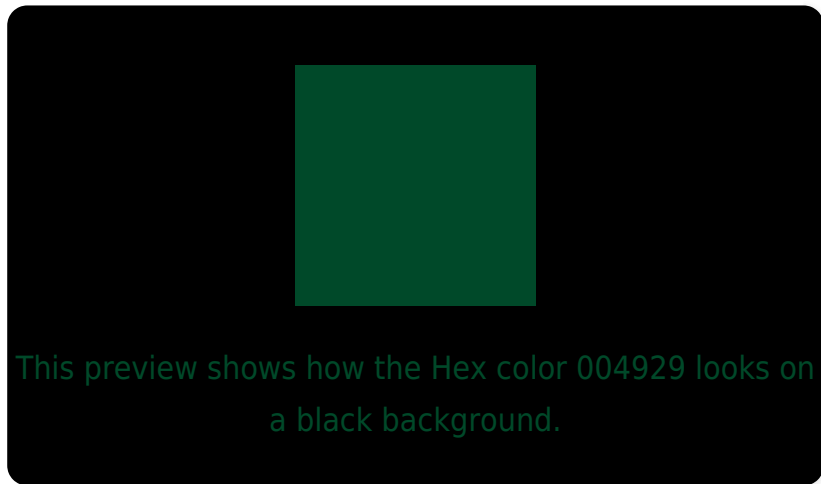
Large Text (above 18pt) WCAG AA ✓ Pass

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

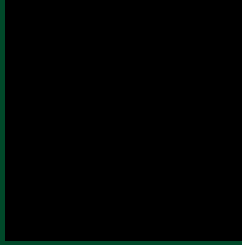
Any Text WCAG AA × Fail

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 004929 Background



This preview shows how black text looks on a background with the Hex color 004929.



This preview shows how white text looks on a background with the Hex color 004929.

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
004929

Protanopia
453F25

Deuteranopia
4B3C2C



Tritanopia
1B454B

Trichromacy



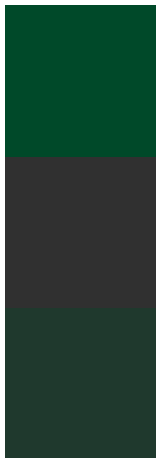
Original Color
004929

Protanomaly
2C4326

Deuteranomaly
30412B

Tritanomaly
11463F

Monochromacy



Original Color
004929

Achromatopsia
303030

Achromatomaly
1F392D

CSS Examples

Text

The CSS property to change the color of the text to Hex 004929 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 #004929 looks like.

```
.text, #text, p{  
    color:#004929  
}
```

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 #004929 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004929
}
```

Border

The CSS property to change the border of an element to Hex 004929 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
#004929 }
```

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

```
.border{ border-color:#004929 }
```

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

Here you see how a box with a 4 pixel #004929 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004929; -webkit-box-shadow:4px 4px  
4px 4px #004929; box-shadow:4px 4px 4px  
4px #004929 }
```

Background

The CSS property to change the background color of an element to Hex 004929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004929 }
```

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

```
.background{ background-color:#004929 }
```

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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