

Converting Colors

Hex(004A1D)

Have a look what the booklet for
Hex(004A1D) contains.

Hex(004A1D)	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(004A1D)

Conversions

Conversions Part 1

Format	Color
Hex	004A1D
RGB	0, 74, 29
RGB Percent	0%, 29%, 11%
CMY	1.0000, 0.7098, 0.8863
CMYK	1.00, 0.00, 0.61, 0.71
HSL	144°, 100%, 15%
HSV	144°, 100%, 29%
XYZ	2.6706, 4.9863, 1.9841
YIQ	46.7440, -29.6590, -29.6830

Conversions

Conversions Part 2

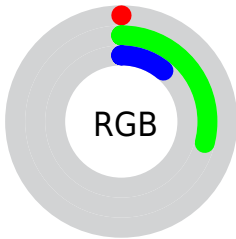
Format	Color
RYB	0, 53, 74
Decimal	18973
CIELab	26.70, -32.03, 20.98
CIElCh	27, 38.290, 146.769
Yxy	4.9863, 0.2770, 0.5172
Android (android.graphics.Color)	4278209053 (0xFF004A1D)
YUV	46.7440, -8.7478, -40.9945
Hunter-Lab	22.3300, -17.7297, 10.3629

Details

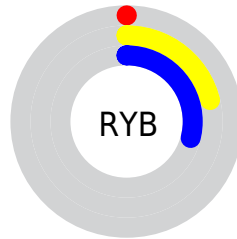
The Hex color **004A1D** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4A002D**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **3C7C4A**, and **001F00** is the 20% darker color. If you saturate the color by 10%, you get **004A1D**, and if you desaturate by 10%, it is **074A21**.

Distribution



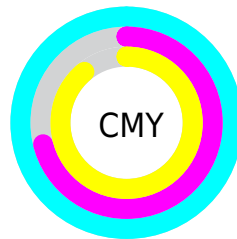
- Red (0%)
- Green (29%)
- Blue (11%)



- Red (0%)
- Yellow (21%)
- Blue (29%)



- Cyan (100%)
- Magenta (0%)
- Yellow (61%)
- Black (71%)



- Cyan (100%)
- Magenta (71%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004A1D 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 004A1D by changing the saturation by 10% instead.

 004A1D

 004A1D

 FBFFFF

 003306

 3C7C4A

 001F00

 569662

 000000

 70B17B

 8BCC95

 A6E9B0

 C2FFCC

 DEFFE8

 004A1D

■ 074A21

■ 0F4A26

■ 164A2A

■ 1E4A2F

■ 254A33

■ 2C4A38

■ 344A3C

■ 3B4A41

■ 434A46

Harmonies

Analogous

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



334502



004A1D



004C3B

Triad

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



004A1D



00447A



722427

Complementary

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



004A1D



4A002D

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.



712144



004A1D



383974

Square

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



004A1D



004A70



5F2B60



65310C

Rectangle

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



004A1D



004D4F



5F2B60



732230

Sweetspot

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



004A1D



44614F



2E4A00



1F3026



B0B0B0



303030

Same Dimension

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



004A1D



006126



004A41



222624



006628



00E65A

Inverse Universe

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



4A002D



61003B



4A0009



262225



66003E



E6008C

Previews

White Background



This preview shows how the Hex color 004A1D looks on a white background.

Color Contrast Check

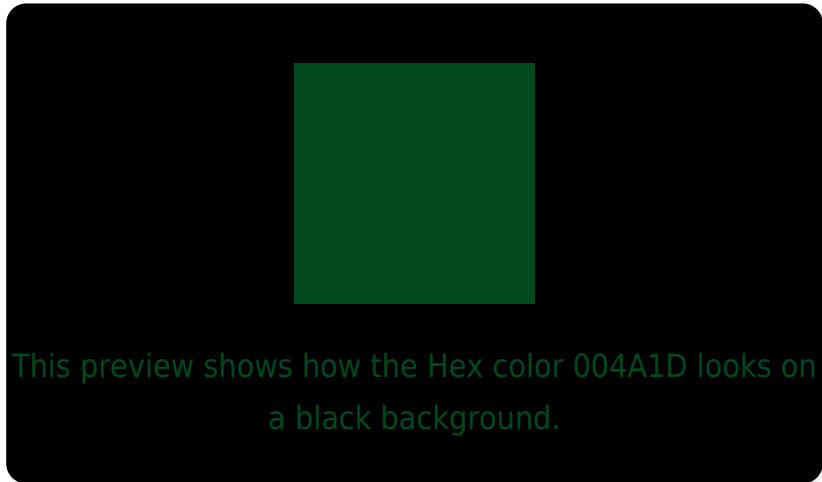
Large Text (above 18pt) WCAG AA ✓ Pass

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

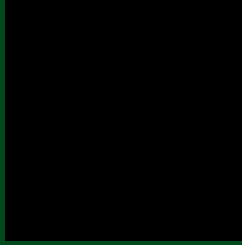
Any Text WCAG AA × Fail

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 004A1D Background



This preview shows how black text looks on a background with the Hex color 004A1D.



This preview shows how white text looks on a background with the Hex color 004A1D.

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
004A1D

Protanopia
47401A

Deuteranopia
4E3D21



Tritanopia
1D454B

Trichromacy



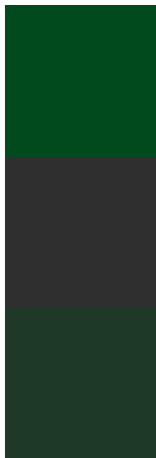
Original Color
004A1D

Protanomaly
2D441B

Deuteranomaly
324220

Tritanomaly
12473A

Monochromacy



Original Color
004A1D

Achromatopsia
2F2F2F

Achromatomaly
1E3928

CSS Examples

Text

The CSS property to change the color of the text to Hex 004A1D 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 #004A1D looks like.

```
.text, #text, p{  
    color:#004A1D  
}
```

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 #004A1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004A1D
}
```

Border

The CSS property to change the border of an element to Hex 004A1D 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
#004A1D }
```

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

```
.border{ border-color:#004A1D }
```

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

Here you see how a box with a 4 pixel #004A1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004A1D; -webkit-box-shadow:4px 4px  
4px 4px #004A1D; box-shadow:4px 4px 4px  
4px #004A1D }
```

Background

The CSS property to change the background color of an element to Hex 004A1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004A1D }
```

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

```
.background{ background-color:#004A1D }
```

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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