

Converting Colors

Hex(004D29)

Have a look what the booklet for
Hex(004D29) contains.

Hex(004D29)	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(004D29)

Conversions

Conversions Part 1

Format	Color
Hex	004D29
RGB	0, 77, 41
RGB Percent	0%, 30%, 16%
CMY	1.0000, 0.6980, 0.8392
CMYK	1.00, 0.00, 0.47, 0.70
HSL	152°, 100%, 15%
HSV	152°, 100%, 30%
XYZ	3.0541, 5.4678, 2.9923
YIQ	49.8730, -34.3360, -27.5200

Conversions

Conversions Part 2

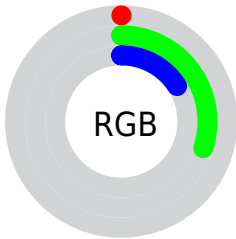
Format	Color
RYB	0, 50, 77
Decimal	19753
CIELab	28.03, -30.82, 15.56
CIELCh	28, 34.521, 153.216
Yxy	5.4678, 0.2652, 0.4749
Android (android.graphics.Color)	4278209833 (0xFF004D29)
YUV	49.8730, -4.3744, -43.7386
Hunter-Lab	23.3834, -17.6071, 8.7814

Details

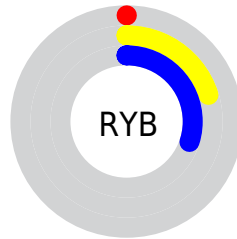
The Hex color **004D29** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4D0024**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **3D7F57**, and **002200** is the 20% darker color. If you saturate the color by 10%, you get **004D29**, and if you desaturate by 10%, it is **084D2D**.

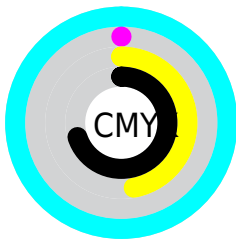
Distribution



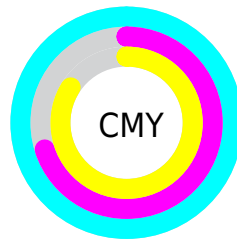
- Red (0%)
- Green (30%)
- Blue (16%)



- Red (0%)
- Yellow (20%)
- Blue (30%)



- Cyan (100%)
- Magenta (0%)
- Yellow (47%)
- Black (70%)



- Cyan (100%)
- Magenta (70%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004D29 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 004D29 by changing the saturation by 10% instead.

 004D29

 004D29

 FDFEFF

 003614

 3D7F57

 002200

 57996F

 000000

 71B489

 8CD0A3

 A7ECBE

 C3FFDA

 E0FFF7

 004D29

■ 084D2D

■ 0F4D30

■ 174D34

■ 1F4D37

■ 274D3B

■ 2E4D3F

■ 364D42

■ 3E4D46

■ 454D49

Harmonies

Analogous

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



324912



004D29



004F44

Triad

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



004D29



004477



702D27

Complementary

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



004D29



4D0024

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.



712940



004D29



463A6F

Square

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



004D29



004B71



642E5B



623811

Rectangle

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



004D29



004F56



642E5B



722B2F

Sweetspot

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



004D29



466356



254D00



21332A



B3B3B3



333333

Same Dimension

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



004D29



006335



004C4D



222624



006636



00E67A

Inverse Universe

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



4D0024



63002E



4D0100



262224



660030



E6006B

Previews

White Background



This preview shows how the Hex color 004D29 looks on a white background.

Color Contrast Check

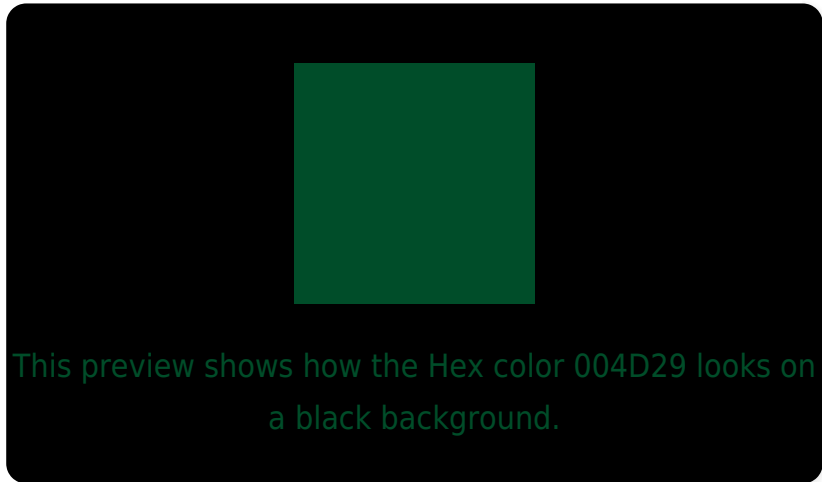
Large Text (above 18pt) WCAG AA ✓ Pass

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 004D29 Background



This preview shows how black text looks on a background with the Hex color 004D29.



This preview shows how white text looks on a background with the Hex color 004D29.

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](#).

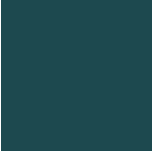
Dichromacy



Original Color
004D29

Protanopia
494325

Deuteranopia
50402C



Tritanopia
1D494F

Trichromacy



Original Color
004D29

Protanomaly
2E4726

Deuteranomaly
33452B

Tritanomaly
124A41

Monochromacy



Original Color
004D29

Achromatopsia
323232

Achromatomaly
203C2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 004D29 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 #004D29 looks like.

```
.text, #text, p{  
    color:#004D29  
}
```

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 #004D29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004D29
}
```

Border

The CSS property to change the border of an element to Hex 004D29 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
#004D29 }
```

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

```
.border{ border-color:#004D29 }
```

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

Here you see how a box with a 4 pixel #004D29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004D29; -webkit-box-shadow:4px 4px  
4px 4px #004D29; box-shadow:4px 4px 4px  
4px #004D29 }
```

Background

The CSS property to change the background color of an element to Hex 004D29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004D29 }
```

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

```
.background{ background-color:#004D29 }
```

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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