

Converting Colors

Hex(004C27)

Have a look what the booklet for
Hex(004C27) contains.

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Color

Hex(004C27)

Conversions

Conversions Part 1

Format	Color
Hex	004C27
RGB	0, 76, 39
RGB Percent	0%, 30%, 15%
CMY	1.0000, 0.7020, 0.8471
CMYK	1.00, 0.00, 0.49, 0.70
HSL	151°, 100%, 15%
HSV	151°, 100%, 30%
XYZ	2.9506, 5.3154, 2.7899
YIQ	49.0580, -33.4190, -27.6190

Conversions

Conversions Part 2

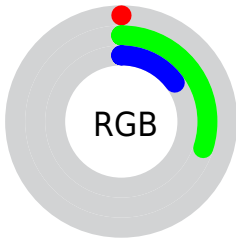
Format	Color
RYB	0, 50, 76
Decimal	19495
CIELab	27.61, -30.85, 16.24
CIELCh	28, 34.864, 152.244
Yxy	5.3154, 0.2669, 0.4808
Android (android.graphics.Color)	4278209575 (0xFF004C27)
YUV	49.0580, -4.9586, -43.0239
Hunter-Lab	23.0551, -17.5015, 8.9638

Details

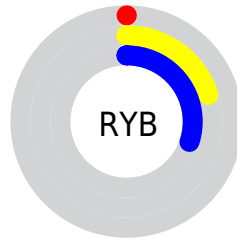
The Hex color **004C27** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4C0025**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **3D7E55**, and **002100** is the 20% darker color. If you saturate the color by 10%, you get **004C27**, and if you desaturate by 10%, it is **084C2B**.

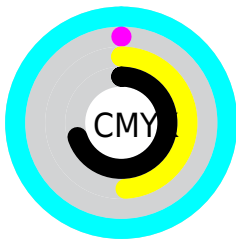
Distribution



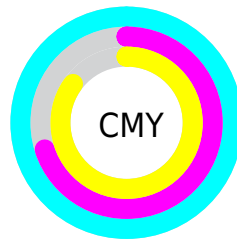
- Red (0%)
- Green (30%)
- Blue (15%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (49%)
- Black (70%)



- Cyan (100%)
- Magenta (70%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004C27 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 004C27 by changing the saturation by 10% instead.

 004C27

 004C27

 FCFFFF

 003512

 3D7E55

 002100

 57986D

 000000

 71B386

 8BCFA1

 A7EBBC

 C3FFD8

 DFFFF4

 004C27

■ 084C2B

■ 0F4C2E

■ 174C32

■ 1E4C36

■ 264C39

■ 2E4C3D

■ 354C41

■ 3D4C45

■ 444C48

Harmonies

Analogous

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



32480F



004C27



004E42

Triad

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



004C27



004477



6F2C26

Complementary

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



004C27



4C0025

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.



712740



004C27



44396F

Square

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



004C27



004A70



632E5B



623610

Rectangle

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



004C27



004E55



632E5B



71292F

Sweetspot

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



004C27



466355



264C00



21332A



B3B3B3



333333

Same Dimension

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



004C27



006333



004C4C



222624



006634



00E676

Inverse Universe

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



4C0025



630030



4C0000



262224



660032



E60070

Previews

White Background



This preview shows how the Hex color 004C27 looks on a white background.

Color Contrast Check

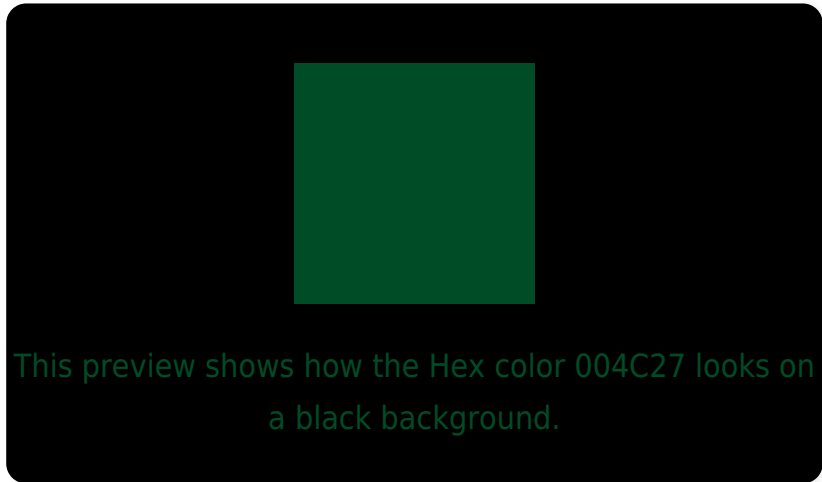
Large Text (above 18pt) WCAG AA ✓ Pass

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

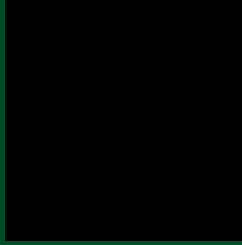
Any Text WCAG AA × Fail

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 004C27 Background



This preview shows how black text looks on a background with the Hex color 004C27.



This preview shows how white text looks on a background with the Hex color 004C27.

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
004C27

Protanopia
484223

Deuteranopia
4F3F2A



Tritanopia
1D484E

Trichromacy



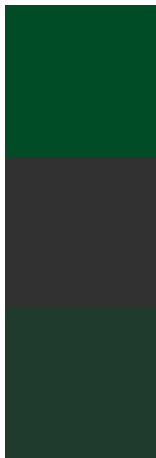
Original Color
004C27

Protanomaly
2E4624

Deuteranomaly
324429

Tritanomaly
124940

Monochromacy



Original Color
004C27

Achromatopsia
313131

Achromatomaly
1F3B2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 004C27 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 #004C27 looks like.

```
.text, #text, p{  
    color:#004C27  
}
```

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 #004C27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004C27
}
```

Border

The CSS property to change the border of an element to Hex 004C27 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
#004C27 }
```

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

```
.border{ border-color:#004C27 }
```

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

Here you see how a box with a 4 pixel #004C27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004C27; -webkit-box-shadow:4px 4px  
4px 4px #004C27; box-shadow:4px 4px 4px  
4px #004C27 }
```

Background

The CSS property to change the background color of an element to Hex 004C27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004C27 }
```

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

```
.background{ background-color:#004C27 }
```

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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