

Converting Colors

Hex(004F34)

Have a look what the booklet for
Hex(004F34) contains.

Hex(004F34)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(004F34)

Conversions

Conversions Part 1

Format	Color
Hex	004F34
RGB	0, 79, 52
RGB Percent	0%, 31%, 20%
CMY	1.0000, 0.6902, 0.7961
CMYK	1.00, 0.00, 0.34, 0.69
HSL	159°, 100%, 15%
HSV	159°, 100%, 31%
XYZ	3.4158, 5.8399, 4.1960
YIQ	52.3010, -38.4170, -25.1450

Conversions

Conversions Part 2

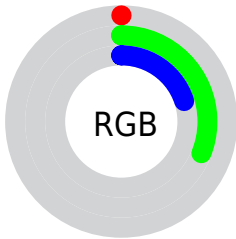
Format	Color
RYB	0, 48, 79
Decimal	20276
CIELab	29.00, -28.98, 10.04
CIELCh	29, 30.674, 160.894
Yxy	5.8399, 0.2539, 0.4341
Android (android.graphics.Color)	4278210356 (0xFF004F34)
YUV	52.3010, -0.1484, -45.8680
Hunter-Lab	24.1659, -17.0595, 6.6214

Details

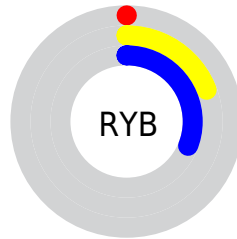
The Hex color **004F34** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4F001B**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **3E8163**, and **002307** is the 20% darker color. If you saturate the color by 10%, you get **004F34**, and if you desaturate by 10%, it is **084F37**.

Distribution



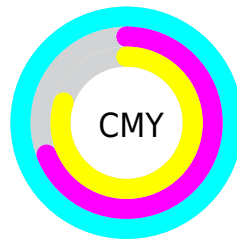
- Red (0%)
- Green (31%)
- Blue (20%)



- Red (0%)
- Yellow (19%)
- Blue (31%)



- Cyan (100%)
- Magenta (0%)
- Yellow (34%)
- Black (69%)



- Cyan (100%)
- Magenta (69%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004F34 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 004F34 by changing the saturation by 10% instead.

 004F34

 004F34

FEFFFF

 00381F

 3E8163

 002307

 589B7B

 000000

 72B695

 8DD2B0

 A8EFCB

 C4FFE8

 E1FFFF

 004F34

■ 084F37

■ 104F39

■ 184F3C

■ 204F3F

■ 284F42

■ 2F4F44

■ 374F47

■ 3F4F4A

■ 474F4C

Harmonies

Analogous

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



2F4C1F



004F34



00504D

Triad

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



004F34



294473



6C3526

Complementary

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



004F34



4F001B

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.



702F3D



004F34



513B68

Square

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



004F34



004B71



683254



5E3E16

Rectangle

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



004F34



00505C



683254



6F322D

Sweetspot

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



004F34



47665C



1C4F00



21332D



B3B3B3



333333

Same Dimension

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



004F34



006643



00434F



222625



00E697

Inverse Universe

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



4F001B



660023



4F0C00



262224



E6004E

Previews

White Background



This preview shows how the Hex color 004F34 looks on a white background.

Color Contrast Check

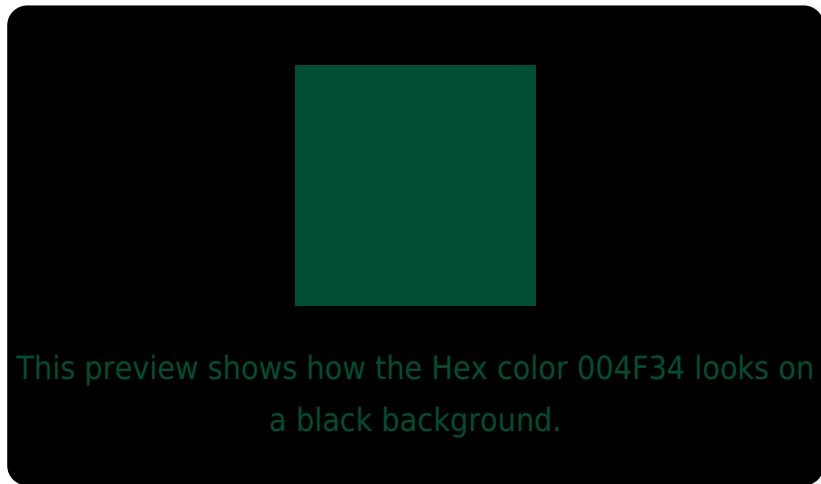
Large Text (above 18pt) WCAG AA ✓ Pass

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

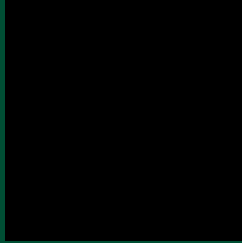
Any Text WCAG AA × Fail

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 004F34 Background



This preview shows how black text looks on a background with the Hex color 004F34.



This preview shows how white text looks on a background with the Hex color 004F34.

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
004F34

Protanopia
4A4530

Deuteranopia
504237



Tritanopia
1C4B51

Trichromacy



Original Color
004F34

Protanomaly
2F4931

Deuteranomaly
334736

Tritanomaly
124C46

Monochromacy



Original Color
004F34

Achromatopsia
343434

Achromatomaly
213E34

CSS Examples

Text

The CSS property to change the color of the text to Hex 004F34 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 #004F34 looks like.

```
.text, #text, p{  
    color:#004F34  
}
```

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 #004F34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004F34
}
```

Border

The CSS property to change the border of an element to Hex 004F34 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
#004F34 }
```

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

```
.border{ border-color:#004F34 }
```

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

Here you see how a box with a 4 pixel #004F34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004F34; -webkit-box-shadow:4px 4px  
4px 4px #004F34; box-shadow:4px 4px 4px  
4px #004F34 }
```

Background

The CSS property to change the background color of an element to Hex 004F34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004F34 }
```

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

```
.background{ background-color:#004F34 }
```

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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