

Converting Colors

Hex(004D20)

Have a look what the booklet for
Hex(004D20) contains.

Hex(004D20)	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(004D20)

Conversions

Conversions Part 1

Format	Color
Hex	004D20
RGB	0, 77, 32
RGB Percent	0%, 30%, 13%
CMY	1.0000, 0.6980, 0.8745
CMYK	1.00, 0.00, 0.58, 0.70
HSL	145°, 100%, 15%
HSV	145°, 100%, 30%
XYZ	2.9146, 5.4120, 2.2575
YIQ	48.8470, -31.4470, -30.3190

Conversions

Conversions Part 2

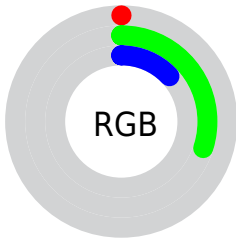
Format	Color
RYB	0, 54, 77
Decimal	19744
CIELab	27.88, -32.63, 20.71
CIELCh	28, 38.644, 147.599
Yxy	5.4120, 0.2754, 0.5113
Android (android.graphics.Color)	4278209824 (0xFF004D20)
YUV	48.8470, -8.3056, -42.8388
Hunter-Lab	23.2638, -18.3484, 10.5312

Details

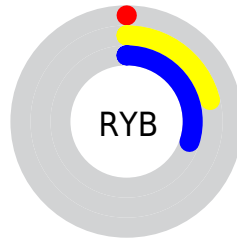
The Hex color **004D20** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **4D002D**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **3D7F4D**, and **002200** is the 20% darker color. If you saturate the color by 10%, you get **004D20**, and if you desaturate by 10%, it is **084D24**.

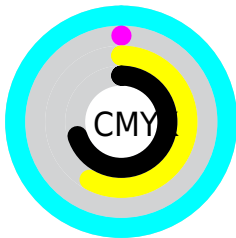
Distribution



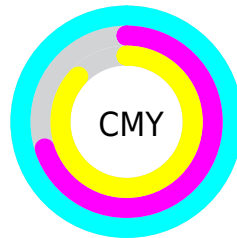
- Red (0%)
- Green (30%)
- Blue (13%)



- Red (0%)
- Yellow (21%)
- Blue (30%)



- Cyan (100%)
- Magenta (0%)
- Yellow (58%)
- Black (70%)



- Cyan (100%)
- Magenta (70%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004D20 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 004D20 by changing the saturation by 10% instead.

 004D20

 004D20

 FDFEFF

 00360A

 3D7F4D

 002200

 579966

 000000

 71B47F

 8CD099

 A8ECB4

 C3FFCF

 E0FFEC

 004D20

■ 084D24

■ 0F4D29

■ 174D2D

■ 1F4D32

■ 274D36

■ 2E4D3B

■ 364D3F

■ 3E4D44

■ 454D48

Harmonies

Analogous

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



354804



004D20



004F3E

Triad

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



004D20



00467D



752728

Complementary

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



004D20



4D002D

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.



752345



004D20



3C3B77

Square

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



004D20



004D74



632D62



68340E

Rectangle

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



004D20



005053



632D62



772432

Sweetspot

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



004D20



466352



2E4D00



213328



B3B3B3



333333

Same Dimension

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



004D20



006329



004D45



222624



00662A



00E65F

Inverse Universe

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



4D002D



63003A



4D0008



262225



66003C



E60086

Previews

White Background



This preview shows how the Hex color 004D20 looks on a white background.

Color Contrast Check

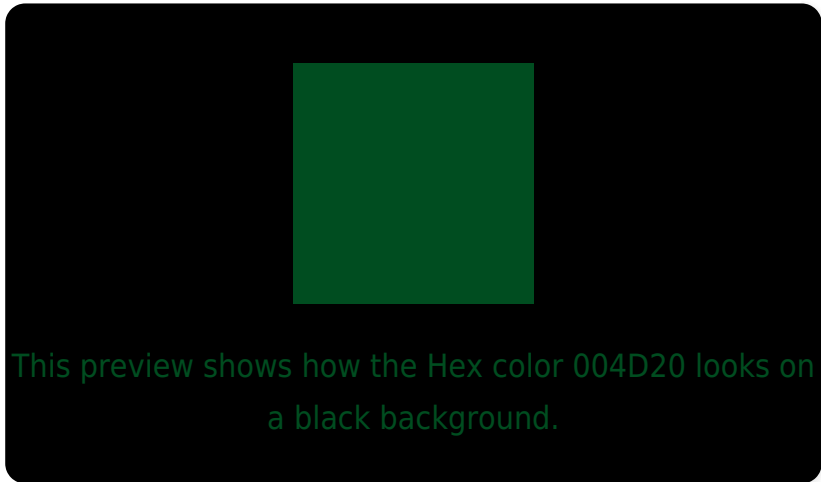
Large Text (above 18pt) WCAG AA ✓ Pass

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

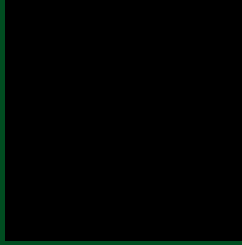
Any Text WCAG AA × Fail

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 004D20 Background



This preview shows how black text looks on a background with the Hex color 004D20.



This preview shows how white text looks on a background with the Hex color 004D20.

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
004D20

Protanopia
4A421D

Deuteranopia
513F24



Tritanopia
1E484E

Trichromacy



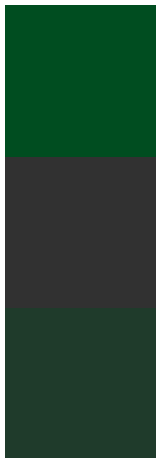
Original Color
004D20

Protanomaly
2F461E

Deuteranomaly
344423

Tritanomaly
134A3D

Monochromacy



Original Color
004D20

Achromatopsia
313131

Achromatomaly
1F3B2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 004D20 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 #004D20 looks like.

```
.text, #text, p{  
    color:#004D20  
}
```

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 #004D20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004D20
}
```

Border

The CSS property to change the border of an element to Hex 004D20 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
#004D20 }
```

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

```
.border{ border-color:#004D20 }
```

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

Here you see how a box with a 4 pixel #004D20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004D20; -webkit-box-shadow:4px 4px  
4px 4px #004D20; box-shadow:4px 4px 4px  
4px #004D20 }
```

Background

The CSS property to change the background color of an element to Hex 004D20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004D20 }
```

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

```
.background{ background-color:#004D20 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor