

Converting Colors

Hex(004620)

Have a look what the booklet for
Hex(004620) contains.

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Color

Hex(004620)

Conversions

Conversions Part 1

Format	Color
Hex	004620
RGB	0, 70, 32
RGB Percent	0%, 27%, 13%
CMY	1.0000, 0.7255, 0.8745
CMYK	1.00, 0.00, 0.54, 0.73
HSL	147°, 100%, 14%
HSV	147°, 100%, 27%
XYZ	2.4509, 4.4846, 2.1029
YIQ	44.7380, -29.5220, -26.6580

Conversions

Conversions Part 2

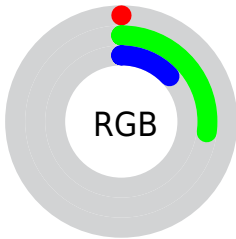
Format	Color
RYB	0, 48, 70
Decimal	17952
CIELab	25.21, -29.92, 17.40
CIELCh	25, 34.614, 149.829
Yxy	4.4846, 0.2712, 0.4962
Android (android.graphics.Color)	4278208032 (0xFF004620)
YUV	44.7380, -6.2798, -39.2352
Hunter-Lab	21.1769, -16.4011, 8.9361

Details

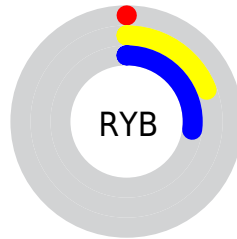
The Hex color **004620** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **460026**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **3B774D**, and **001B00** is the 20% darker color. If you saturate the color by 10%, you get **004620**, and if you desaturate by 10%, it is **074624**.

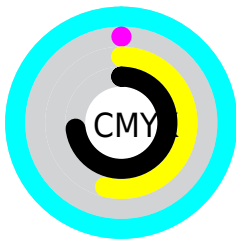
Distribution



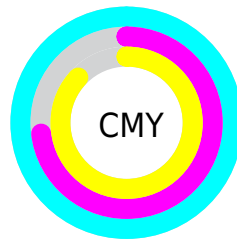
- Red (0%)
- Green (27%)
- Blue (13%)



- Red (0%)
- Yellow (19%)
- Blue (27%)



- Cyan (100%)
- Magenta (0%)
- Yellow (54%)
- Black (73%)



- Cyan (100%)
- Magenta (73%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004620 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 004620 by changing the saturation by 10% instead.

 004620

 004620

 F9FFFF

 002F0A

 3B774D

 001B00

 549165

 000000

 6EAC7E

 88C898

 A4E4B3

 BFFFCF

 DCFEB

 004620

■ 074624

■ 0E4628

■ 15462B

■ 1C462F

■ 234633

■ 2A4637

■ 31463B

■ 38463E

■ 3F4642

Harmonies

Analogous

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



2F4208



004620



00483B

Triad

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



004620



003F70



692623

Complementary

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



004620



460026

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.



69223D



004620



3B3569

Square

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



004620



004569



5B2957



5D300D

Rectangle

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



004620



00484D



5B2957



6B232C

Sweetspot

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



004620



405C4D



274600



1D2E25



ADADAD



2E2E2E

Same Dimension

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



004620



005C2A



004642



202422



00632D



00E368

Inverse Universe

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



460026



5C0032



460003



242022



630036



E3007B

Previews

White Background



This preview shows how the Hex color 004620 looks on a white background.

Color Contrast Check

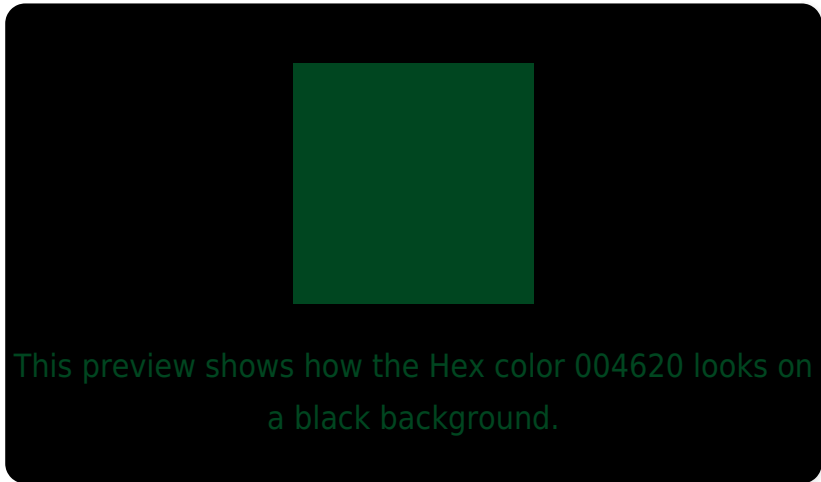
Large Text (above 18pt) WCAG AA ✓ Pass

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

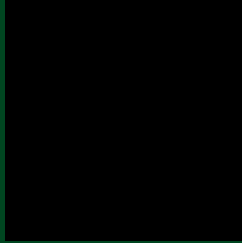
Any Text WCAG AA × Fail

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 004620 Background



This preview shows how black text looks on a background with the Hex color 004620.



This preview shows how white text looks on a background with the Hex color 004620.

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
004620

Protanopia
433C1D

Deuteranopia
493923



Tritanopia
1B4247

Trichromacy



Original Color
004620

Protanomaly
2B401E

Deuteranomaly
2E3E22

Tritanomaly
114339

Monochromacy



Original Color
004620

Achromatopsia
2D2D2D

Achromatomaly
1D3628

CSS Examples

Text

The CSS property to change the color of the text to Hex 004620 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 #004620 looks like.

```
.text, #text, p{  
    color:#004620  
}
```

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 #004620 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004620
}
```

Border

The CSS property to change the border of an element to Hex 004620 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
#004620 }
```

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

```
.border{ border-color:#004620 }
```

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

Here you see how a box with a 4 pixel #004620 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004620; -webkit-box-shadow:4px 4px  
4px 4px #004620; box-shadow:4px 4px 4px  
4px #004620 }
```

Background

The CSS property to change the background color of an element to Hex 004620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004620 }
```

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

```
.background{ background-color:#004620 }
```

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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