

Converting Colors

Hex(005033)

Have a look what the booklet for
Hex(005033) contains.

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Color

Hex(005033)

Conversions

Conversions Part 1

Format	Color
Hex	005033
RGB	0, 80, 51
RGB Percent	0%, 31%, 20%
CMY	1.0000, 0.6863, 0.8000
CMYK	1.00, 0.00, 0.36, 0.69
HSL	158°, 100%, 16%
HSV	158°, 100%, 31%
XYZ	3.4662, 5.9763, 4.1028
YIQ	52.7740, -38.3710, -25.9790

Conversions

Conversions Part 2

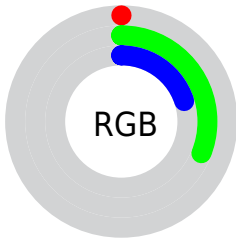
Format	Color
RYB	0, 49, 80
Decimal	20531
CIELab	29.35, -29.68, 11.14
CIELCh	29, 31.700, 159.419
Yxy	5.9763, 0.2559, 0.4412
Android (android.graphics.Color)	4278210611 (0xFF005033)
YUV	52.7740, -0.8746, -46.2828
Hunter-Lab	24.4465, -17.4725, 7.1620

Details

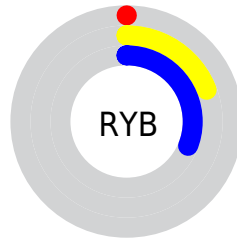
The Hex color **005033** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **50001D**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **3E8262**, and **002306** is the 20% darker color. If you saturate the color by 10%, you get **005033**, and if you desaturate by 10%, it is **085036**.

Distribution



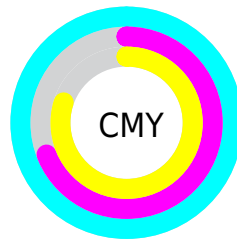
- Red (0%)
- Green (31%)
- Blue (20%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (36%)
- Black (69%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 005033 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 005033 by changing the saturation by 10% instead.

 005033

 005033

FFFFFF

 00381E

 3E8262

 002306

 589C7A

 000000

 73B794

 8DD3AF

 A9F0CA

 C5FFE6

 E1FFFF

 005033

■ 085036

■ 105039

■ 18503C

■ 20503F

■ 285042

■ 305044

■ 385047

■ 40504A

■ 48504D

Harmonies

Analogous

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



314D1D



005033



00514C

Triad

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



005033



254576



6E3427

Complementary

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



005033



50001D

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.



722F3E



005033



513B6B

Square

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



005033



004C73



693257



603E16

Rectangle

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



005033



00515D



693257



71322E

Sweetspot

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



005033



49695D



1D5000



22362F



B5B5B5



363636

Same Dimension

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



005033



006943



004550



252927



00E894

Inverse Universe

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



50001D



690026



500B00



292526



E80054

Previews

White Background



This preview shows how the Hex color 005033 looks on a white background.

Color Contrast Check

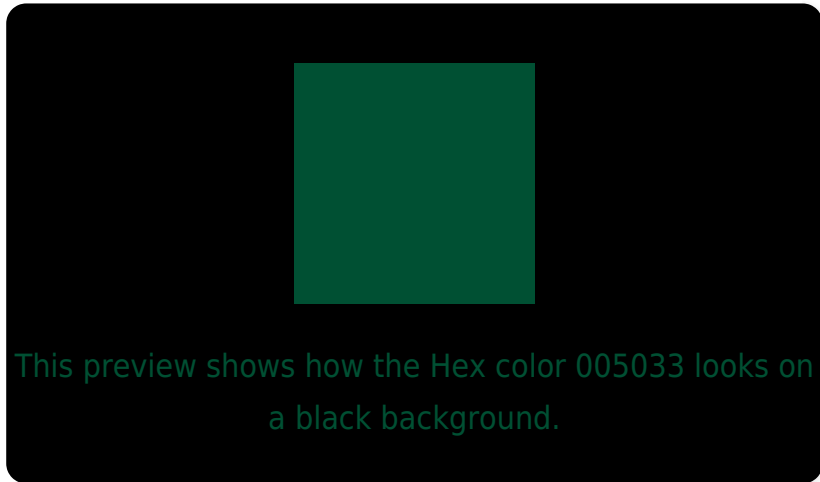
Large Text (above 18pt) WCAG AA ✓ Pass

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

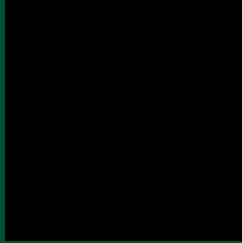
Any Text WCAG AA × Fail

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 005033 Background



This preview shows how black text looks on a background with the Hex color 005033.



This preview shows how white text looks on a background with the Hex color 005033.

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
005033

Protanopia
4B452F

Deuteranopia
514336

Trichromacy



Original Color
005033

Protanomaly
304930

Deuteranomaly
344835

Tritanomaly
124D47

Monochromacy



Original Color
005033

Achromatopsia
353535

Achromatomaly
223F34

CSS Examples

Text

The CSS property to change the color of the text to Hex 005033 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 #005033 looks like.

```
.text, #text, p{  
    color:#005033  
}
```

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 #005033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005033
}
```

Border

The CSS property to change the border of an element to Hex 005033 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
#005033 }
```

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

```
.border{ border-color:#005033 }
```

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

Here you see how a box with a 4 pixel #005033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005033; -webkit-box-shadow:4px 4px  
4px 4px #005033; box-shadow:4px 4px 4px  
4px #005033 }
```

Background

The CSS property to change the background color of an element to Hex 005033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005033 }
```

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

```
.background{ background-color:#005033 }
```

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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