

Converting Colors

Hex(005231)

Have a look what the booklet for
Hex(005231) contains.

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Color

Hex(005231)

Conversions

Conversions Part 1

Format	Color
Hex	005231
RGB	0, 82, 49
RGB Percent	0%, 32%, 19%
CMY	1.0000, 0.6784, 0.8078
CMYK	1.00, 0.00, 0.40, 0.68
HSL	156°, 100%, 16%
HSV	156°, 100%, 32%
XYZ	3.5717, 6.2563, 3.9251
YIQ	53.7200, -38.2790, -27.6470

Conversions

Conversions Part 2

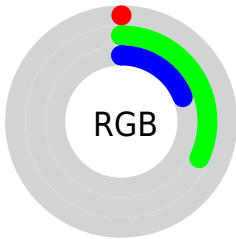
Format	Color
RYB	0, 51, 82
Decimal	21041
CIELab	30.05, -31.02, 13.33
CIELCh	30, 33.761, 156.747
Yxy	6.2563, 0.2597, 0.4549
Android (android.graphics.Color)	4278211121 (0xFF005231)
YUV	53.7200, -2.3270, -47.1124
Hunter-Lab	25.0127, -18.2834, 8.2049

Details

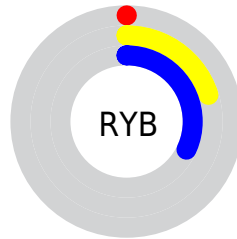
The Hex color **005231** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **520021**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **3F845F**, and **002503** is the 20% darker color. If you saturate the color by 10%, you get **005231**, and if you desaturate by 10%, it is **085234**.

Distribution



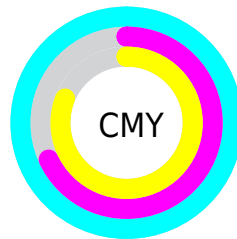
- Red (0%)
- Green (32%)
- Blue (19%)



- Red (0%)
- Yellow (20%)
- Blue (32%)



- Cyan (100%)
- Magenta (0%)
- Yellow (40%)
- Black (68%)



- Cyan (100%)
- Magenta (68%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005231 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 005231 by changing the saturation by 10% instead.

 005231

 005231

FFFFFF

 003A1C

 3F845F

 002503

 599F78

 000000

 73BA92

 8ED6AD

 AAF2C8

 C6FFE4

 E3FFFF

 005231

■ 085234

■ 105238

■ 19523B

■ 21523E

■ 295242

■ 315245

■ 395248

■ 42524B

■ 4A524F

Harmonies

Analogous

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



344E1A



005231



00534C

Triad

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



005231



1A487B



733429

Complementary

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



005231



520021

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.



762E42



005231



503D71

Square

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



005231



004F77



6B335C



653E15

Rectangle

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



005231



00535E



6B335C



763131

Sweetspot

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



005231



4B6B5E



225200



22362E



B5B5B5



363636

Same Dimension

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



005231



006B40



004B52



252927



00693E



00E88B

Inverse Universe

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



520021



6B002B



520700



292526



69002A



E8005D

Previews

White Background



This preview shows how the Hex color 005231 looks on a white background.

Color Contrast Check

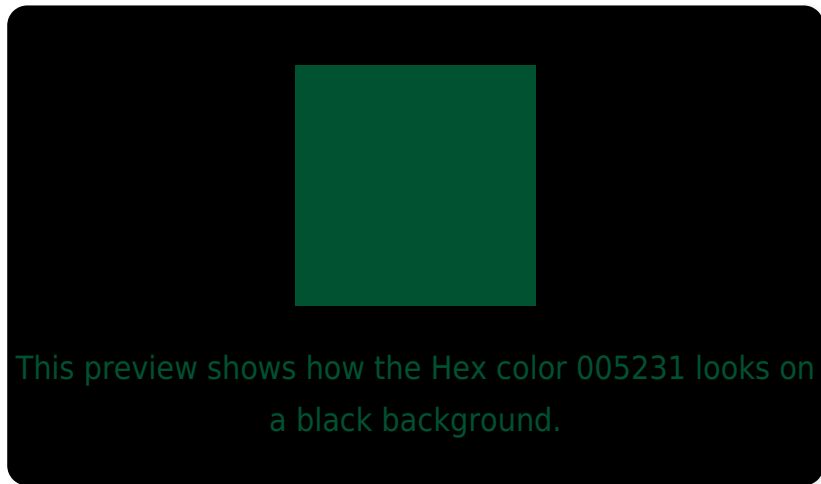
Large Text (above 18pt) WCAG AA ✓ Pass

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

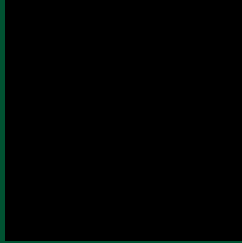
Any Text WCAG AA × Fail

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 005231 Background



This preview shows how black text looks on a background with the Hex color 005231.



This preview shows how white text looks on a background with the Hex color 005231.

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](#).

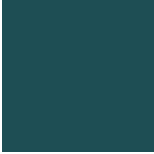
Dichromacy



Original Color
005231

Protanopia
4D472D

Deuteranopia
544434



Tritanopia
1E4E54

Trichromacy



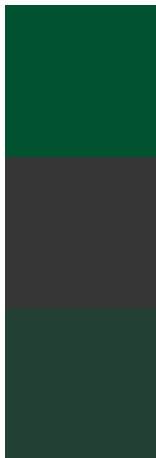
Original Color
005231

Protanomaly
314B2E

Deuteranomaly
354933

Tritanomaly
134F47

Monochromacy



Original Color
005231

Achromatopsia
363636

Achromatomaly
224034

CSS Examples

Text

The CSS property to change the color of the text to Hex 005231 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 #005231 looks like.

```
.text, #text, p{  
    color:#005231  
}
```

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 #005231 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005231
}
```

Border

The CSS property to change the border of an element to Hex 005231 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
#005231 }
```

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

```
.border{ border-color:#005231 }
```

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

Here you see how a box with a 4 pixel #005231 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005231; -webkit-box-shadow:4px 4px  
4px 4px #005231; box-shadow:4px 4px 4px  
4px #005231 }
```

Background

The CSS property to change the background color of an element to Hex 005231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005231 }
```

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

```
.background{ background-color:#005231 }
```

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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