

Converting Colors

Hex(005301)

Have a look what the booklet for
Hex(005301) contains.

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Color

Hex(005301)

Conversions

Conversions Part 1

Format	Color
Hex	005301
RGB	0, 83, 1
RGB Percent	0%, 33%, 0%
CMY	1.0000, 0.6745, 0.9961
CMYK	1.00, 0.00, 0.99, 0.67
HSL	121°, 100%, 16%
HSV	121°, 100%, 33%
XYZ	3.0987, 6.1887, 1.0599
YIQ	48.8350, -23.1460, -43.0980

Conversions

Conversions Part 2

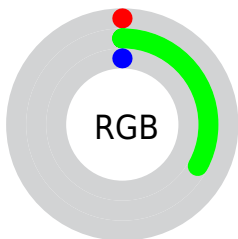
Format	Color
RYB	0, 82, 83
Decimal	21249
CIELab	29.88, -38.04, 36.41
CIELCh	30, 52.657, 136.261
Yxy	6.1887, 0.2995, 0.5981
Android (android.graphics.Color)	4278211329 (0xFF005301)
YUV	48.8350, -23.5827, -42.8283
Hunter-Lab	24.8771, -21.3007, 14.8878

Details

The Hex color **005301** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **530052**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **428635**, and **002600** is the 20% darker color. If you saturate the color by 10%, you get **005301**, and if you desaturate by 10%, it is **085309**.

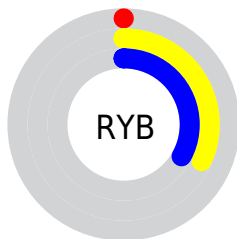
Distribution



Red (0%)

Green (33%)

Blue (0%)



Red (0%)

Yellow (32%)

Blue (33%)

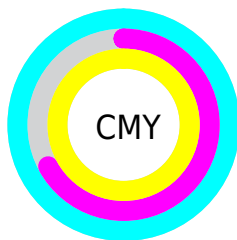


Cyan (100%)

Magenta (0%)

Yellow (99%)

Black (67%)



Cyan (100%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005301 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 005301 by changing the saturation by 10% instead.

 005301

 005301

 FFFFEE

 003B00

 428635

 002600

 5CA04D

 000000

 77BB66

 92D780


 AEF49A

 CAFFB6

 E7FFD2

 005301

 085309

 115311

 19531A

 215322

 29532A

 325332

 3A533A

 425343

 4B534B

Harmonies

Analogous

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



434B00



005301



005731

Triad

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



005301



005197



8C0F32

Complementary

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



005301



530052

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.



85145B



005301



004496

Square

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



005301



005781



622F80



802909

Rectangle

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



005301



00584E



622F80



8C0A40

Sweetspot

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



005301



4B6B4B



535300



223623



B5B5B5



363636

Same Dimension

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



005301



006B01



005329



252925



006901



00E803

Inverse Universe

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



530052



6B006A



530029



292529



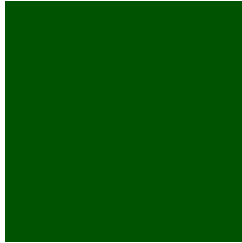
690067



E800E5

Previews

White Background



This preview shows how the Hex color 005301 looks on a white background.

Color Contrast Check

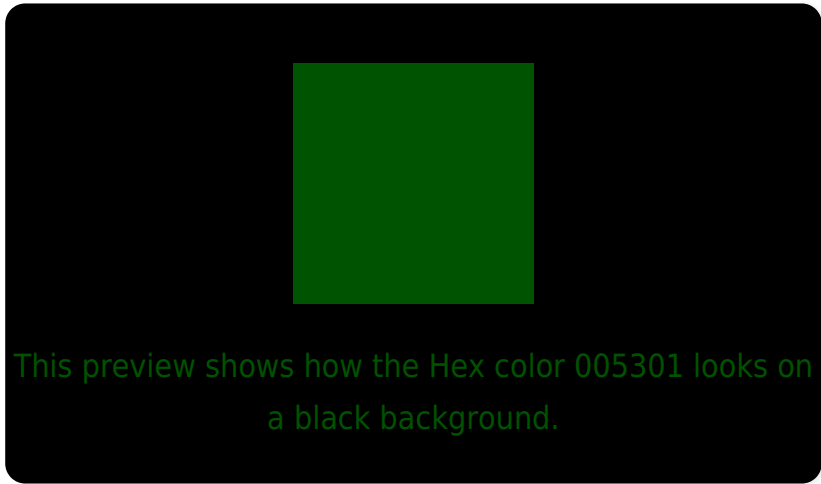
Large Text (above 18pt) WCAG AA ✓ Pass

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

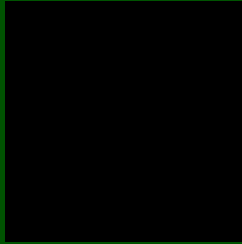
Any Text WCAG AA × Fail

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 005301 Background



This preview shows how black text looks on a background with the Hex color 005301.



This preview shows how white text looks on a background with the Hex color 005301.

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
005301

Protanopia
504700

Deuteranopia
594312



Tritanopia
234D53

Trichromacy



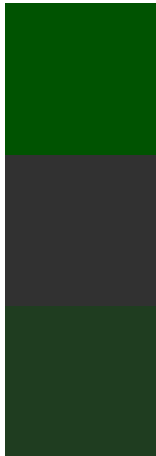
Original Color
005301

Protanomaly
334B00

Deuteranomaly
39490C

Tritanomaly
164F35

Monochromacy



Original Color
005301

Achromatopsia
313131

Achromatomaly
1F3D20

CSS Examples

Text

The CSS property to change the color of the text to Hex 005301 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 #005301 looks like.

```
.text, #text, p{  
    color:#005301  
}
```

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 #005301 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005301
}
```

Border

The CSS property to change the border of an element to Hex 005301 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".

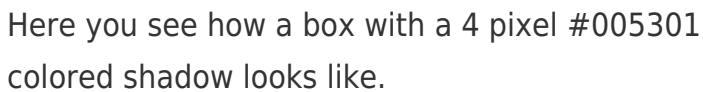
```
.border, #border, table{ border:4px solid
#005301 }
```

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

```
.border{ border-color:#005301 }
```

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

Here you see how a box with a 4 pixel #005301 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005301; -webkit-box-shadow:4px 4px  
4px 4px #005301; box-shadow:4px 4px 4px  
4px #005301 }
```

Background

The CSS property to change the background color of an element to Hex 005301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005301 }
```

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

```
.background{ background-color:#005301 }
```

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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