

# Converting Colors

Hex(035300)

Have a look what the booklet for  
Hex(035300) contains.

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# Color

**Hex(035300)**

# Conversions

## Conversions Part 1

Format	Color
Hex	035300
RGB	3, 83, 0
RGB Percent	1%, 33%, 0%
CMY	0.9882, 0.6745, 1.0000
CMYK	0.96, 0.00, 1.00, 0.67
HSL	118°, 100%, 16%
HSV	118°, 100%, 33%
XYZ	3.1308, 6.2059, 1.0328
YIQ	49.6180, -21.0370, -42.7730

# Conversions

## Conversions Part 2

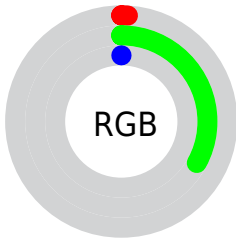
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 83, 80</a>
Decimal	<a href="#">217856</a>
CIELab	<a href="#">29.93, -37.68, 36.85</a>
CIELCh	<a href="#">30, 52.700, 135.640</a>
Yxy	<a href="#">6.2059, 0.3019, 0.5985</a>
Android (android.graphics.Color)	<a href="#">4278407936 (0xFF035300)</a>
YUV	<a href="#">49.6180, -24.4617, -40.8840</a>
Hunter-Lab	<a href="#">24.9116, -21.1620, 14.9799</a>

# Details

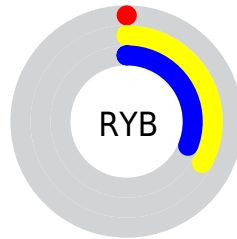
The Hex color **035300** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **500053**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **438634**, and **002600** is the 20% darker color. If you saturate the color by 10%, you get **035300**, and if you desaturate by 10%, it is **0B5308**.

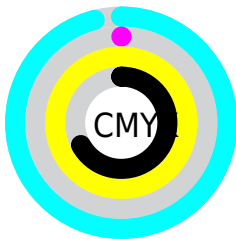
# Distribution



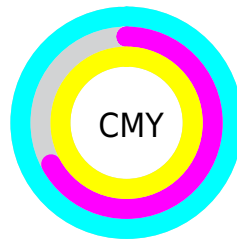
- Red (1%)
- Green (33%)
- Blue (0%)



- Red (0%)
- Yellow (33%)
- Blue (31%)



- Cyan (96%)
- Magenta (0%)
- Yellow (100%)
- Black (67%)



- Cyan (99%)
- Magenta (67%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 035300 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 035300 by changing the saturation by 10% instead.



 035300

 035300

 FFFFED

 003B00

 438634

 002600

 5EA04C

 000000

 78BB65

 94D77F

 AFF49A

 CCFFB5

 E9FFD1

 035300

■ 0B5308

■ 135311

■ 1B5319

■ 235321

■ 2B5329

■ 335332

■ 3B533A

■ 435342

■ 4B534B

# Harmonies

## Analogous

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



444B00



035300



005731

# Triad

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



035300



005197



8D0F33

# Complementary

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



035300



500053

# 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.



84145C



035300



004496

# Square

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



035300



005781



622F80



81280A

# Rectangle

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



035300



00584D



622F80



8C0A41



# Sweetspot

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



035300



4C6B4B



534F00



233622



B5B5B5



363636



# Same Dimension

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



035300



046B00



005325



252925



046900



08E800



# Inverse Universe

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



500053



67006B



53002E



292529



650069

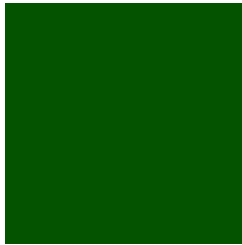


E000E8



# Previews

## White Background



This preview shows how the Hex color 035300 looks on a white background.

## Color Contrast Check

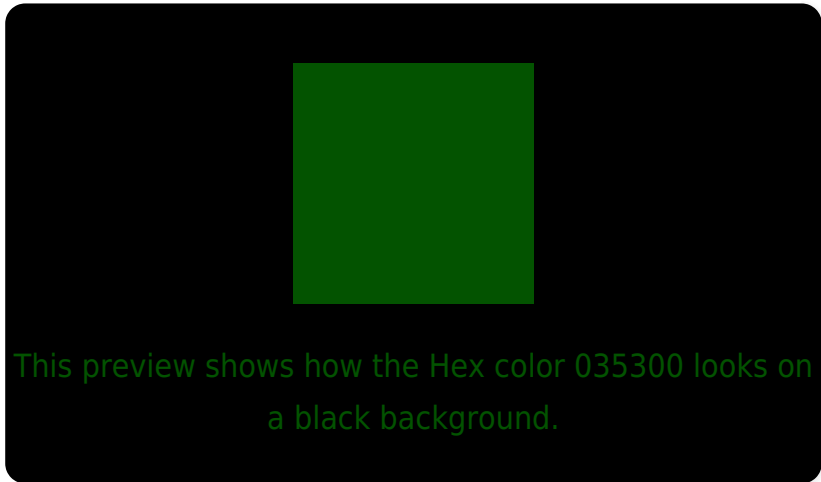
Large Text (above 18pt) WCAG AA ✓ Pass

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 035300 Background



This preview shows how black text looks on a background with the Hex color 035300.



This preview shows how white text looks on a background with the Hex color 035300.

# 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**  
035300

**Protanopia**  
504700

**Deuteranopia**  
594312



**Tritanopia**  
234D53

# Trichromacy



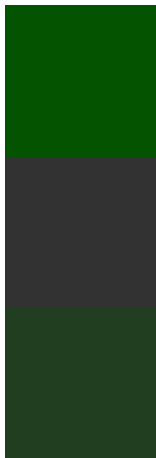
**Original Color**  
035300

**Protanomaly**  
344B00

**Deuteranomaly**  
3A490B

**Tritanomaly**  
174F35

# Monochromacy



**Original Color**  
035300

**Achromatopsia**  
323232

**Achromatomaly**  
213E20

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 035300 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 #035300 looks like.

```
.text, #text, p{  
    color:#035300  
}
```

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 #035300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #035300
}
```

## Border

The CSS property to change the border of an element to Hex 035300 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".

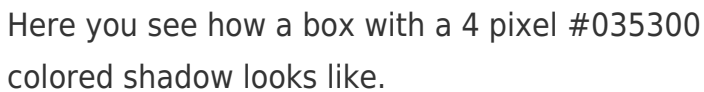
```
.border, #border, table{ border:4px solid
#035300 }
```

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

```
.border{ border-color:#035300 }
```

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

Here you see how a box with a 4 pixel #035300 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #035300; -webkit-box-shadow:4px 4px  
4px 4px #035300; box-shadow:4px 4px 4px  
4px #035300 }
```

# Background

The CSS property to change the background color of an element to Hex 035300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#035300 }
```

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

```
.background{ background-color:#035300 }
```

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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