

# Converting Colors

Hex(00531A)

Have a look what the booklet for  
Hex(00531A) contains.

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# Color

**Hex(00531A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00531A
RGB	0, 83, 26
RGB Percent	0%, 33%, 10%
CMY	1.0000, 0.6745, 0.8980
CMYK	1.00, 0.00, 0.69, 0.67
HSL	139°, 100%, 16%
HSV	139°, 100%, 33%
XYZ	3.2797, 6.2611, 2.0129
YIQ	51.6850, -31.1710, -35.3230

# Conversions

## Conversions Part 2

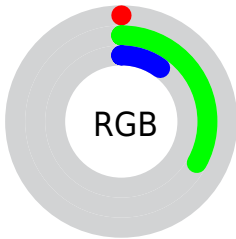
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 63, 83
Decimal	21274
CIELab	30.06, -35.76, 26.53
CIELCh	30, 44.530, 143.427
Yxy	6.2611, 0.2839, 0.5419
Android (android.graphics.Color)	4278211354 (0xFF00531A)
YUV	51.6850, -12.6627, -45.3277
Hunter-Lab	25.0222, -20.3924, 12.7459

# Details

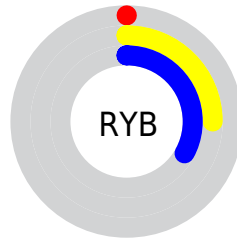
The Hex color **00531A** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **530039**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **408648**, and **002600** is the 20% darker color. If you saturate the color by 10%, you get **00531A**, and if you desaturate by 10%, it is **085320**.

# Distribution



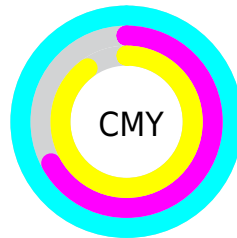
- Red (0%)
- Green (33%)
- Blue (10%)



- Red (0%)
- Yellow (25%)
- Blue (33%)



- Cyan (100%)
- Magenta (0%)
- Yellow (69%)
- Black (67%)



- Cyan (100%)
- Magenta (67%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00531A 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 00531A by changing the saturation by 10% instead.



 00531A

 00531A

FFFFFF

 003B02

 408648

 002600

 5AA060

 000000

 75BB79

 90D794

 ABF4AE

 C8FFCA

 E4FFE6

 00531A

■ 085320

■ 115325

■ 19532B

■ 215331

■ 295336

■ 32533C

■ 3A5342

■ 425348

■ 4B534D

# Harmonies

## Analogous

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



3C4D00



00531A



00563E

# Triad

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



00531A



004D8C



83242E

# Complementary

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



00531A



530039

# 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.



802150



00531A



344187

# Square

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



00531A



00547E



693071



75340D

# Rectangle

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



00531A



005656



693071



842139



# Sweetspot

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



00531A



4B6B55



3A5300



223628



B5B5B5



363636



# Same Dimension

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



00531A



006B22



005342



252926



006921



00E849



# Inverse Universe

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



530039



6B004A



530011



292528



690048

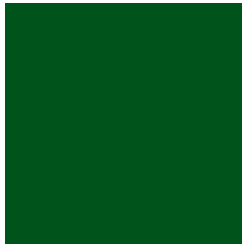


E8009F



# Previews

## White Background



This preview shows how the Hex color 00531A looks on a white background.

## Color Contrast Check

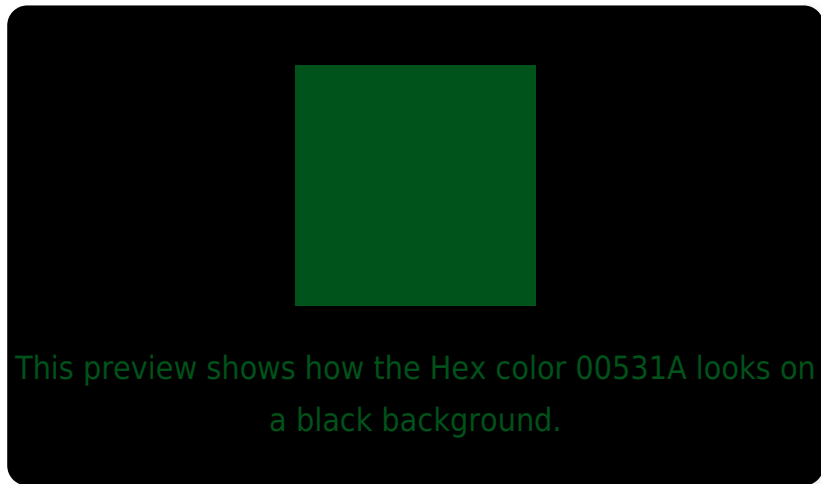
Large Text (above 18pt) WCAG AA ✓ Pass

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

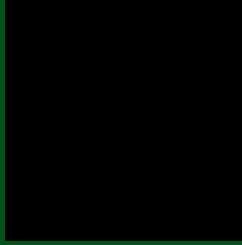
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00531A Background



This preview shows how black text looks on a background with the Hex color 00531A.



This preview shows how white text looks on a background with the Hex color 00531A.

# 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**  
00531A

**Protanopia**  
504717

**Deuteranopia**  
58441F



**Tritanopia**  
224E54

# Trichromacy



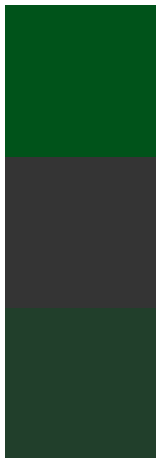
**Original Color**  
00531A

**Protanomaly**  
334B18

**Deuteranomaly**  
38491D

**Tritanomaly**  
16503F

# Monochromacy



**Original Color**  
00531A

**Achromatopsia**  
343434

**Achromatomaly**  
213F2B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00531A 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 #00531A looks like.

```
.text, #text, p{  
    color:#00531A  
}
```

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 #00531A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00531A
}
```

## Border

The CSS property to change the border of an element to Hex 00531A 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".

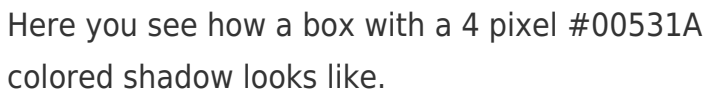
```
.border, #border, table{ border:4px solid
#00531A }
```

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

```
.border{ border-color:#00531A }
```

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

Here you see how a box with a 4 pixel #00531A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00531A; -webkit-box-shadow:4px 4px  
4px 4px #00531A; box-shadow:4px 4px 4px  
4px #00531A }
```

# Background

The CSS property to change the background color of an element to Hex 00531A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00531A }
```

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

```
.background{ background-color:#00531A }
```

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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