

Converting Colors

Hex(00531F)

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

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Color

Hex(00531F)

Conversions

Conversions Part 1

Format	Color
Hex	00531F
RGB	0, 83, 31
RGB Percent	0%, 33%, 12%
CMY	1.0000, 0.6745, 0.8784
CMYK	1.00, 0.00, 0.63, 0.67
HSL	142°, 100%, 16%
HSV	142°, 100%, 33%
XYZ	3.3406, 6.2854, 2.3335
YIQ	52.2550, -32.7760, -33.7680

Conversions

Conversions Part 2

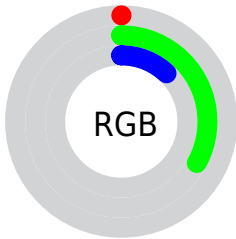
Format	Color
RYB	0, 60, 83
Decimal	21279
CIELab	30.12, -35.02, 23.97
CIELCh	30, 42.434, 145.612
Yxy	6.2854, 0.2793, 0.5256
Android (android.graphics.Color)	4278211359 (0xFF00531F)
YUV	52.2550, -10.4787, -45.8276
Hunter-Lab	25.0708, -20.0895, 12.0311

Details

The Hex color **00531F** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **530034**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **40854D**, and **002600** is the 20% darker color. If you saturate the color by 10%, you get **00531F**, and if you desaturate by 10%, it is **085324**.

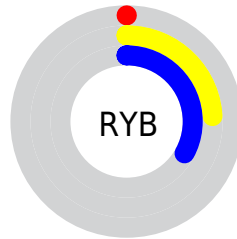
Distribution



Red (0%)

Green (33%)

Blue (12%)



Red (0%)

Yellow (24%)

Blue (33%)

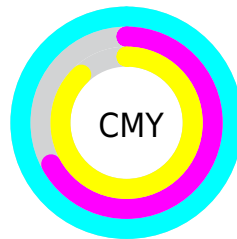


Cyan (100%)

Magenta (0%)

Yellow (63%)

Black (67%)



Cyan (100%)

Magenta (67%)

Yellow (88%)

Brightness & Saturation Gradients

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

 00531F

 00531F

FFFFFF

 003B08

 40854D

 002600

 5AA065

 000100

 74BB7E

 000000

 8FD799

 ABF4B4

 C7FFCF

 E4FFEC

 00531F

■ 085324

■ 115329

■ 19532F

■ 215334

■ 295339

■ 32533E

■ 3A5343

■ 425349

■ 4B534E

Harmonies

Analogous

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



3B4D00



00531F



005641

Triad

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



00531F



004C89



80282D

Complementary

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



00531F



530034

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.



7E244D



00531F



3C4083

Square

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



00531F



00537D



6A306D



72360E

Rectangle

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



00531F



005658



6A306D



812537

Sweetspot

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



00531F



4B6B57



355300



223629



B5B5B5



363636

Same Dimension

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



00531F



006B28



005348



252926



006927



00E857

Inverse Universe

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



530034



6B0043



53000B



292527



690042



E80091

Previews

White Background



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

Color Contrast Check

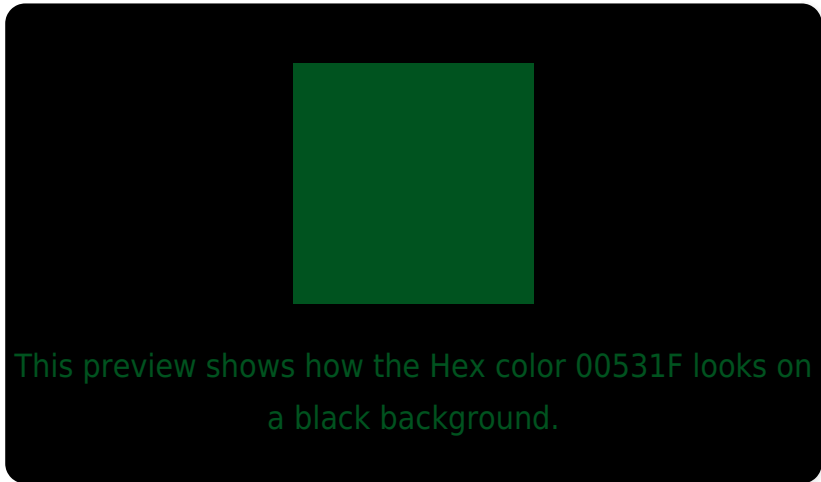
Large Text (above 18pt) WCAG AA ✓ Pass

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

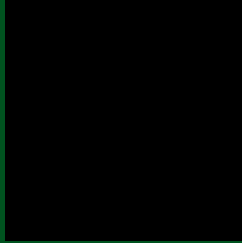
Any Text WCAG AA × Fail

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 00531F Background



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



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

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
00531F

Protanopia
4F471C

Deuteranopia
584424



Tritanopia
214E54

Trichromacy



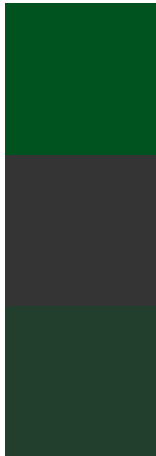
Original Color
00531F

Protanomaly
324B1D

Deuteranomaly
384922

Tritanomaly
155041

Monochromacy



Original Color
00531F

Achromatopsia
343434

Achromatomaly
213F2C

CSS Examples

Text

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

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

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 #00531F colored shadow looks like.

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

Border

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

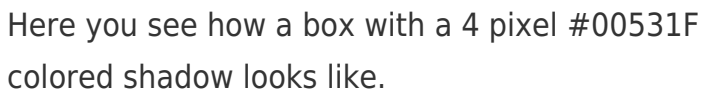
```
.border, #border, table{ border:4px solid
#00531F }
```

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

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

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

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



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

Background

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

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

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

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

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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