

Converting Colors

Hex(00541F)

Have a look what the booklet for
Hex(00541F) contains.

Hex(00541F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00541F)

Conversions

Conversions Part 1

Format	Color
Hex	00541F
RGB	0, 84, 31
RGB Percent	0%, 33%, 12%
CMY	1.0000, 0.6706, 0.8784
CMYK	1.00, 0.00, 0.63, 0.67
HSL	142°, 100%, 16%
HSV	142°, 100%, 33%
XYZ	3.4176, 6.4396, 2.3592
YIQ	52.8420, -33.0510, -34.2910

Conversions

Conversions Part 2

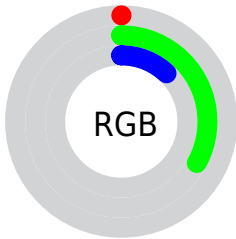
Format	Color
RYB	0, 61, 84
Decimal	21535
CIELab	30.50, -35.38, 24.41
CIELCh	30, 42.983, 145.399
Yxy	6.4396, 0.2798, 0.5271
Android (android.graphics.Color)	4278211615 (0xFF00541F)
YUV	52.8420, -10.7681, -46.3424
Hunter-Lab	25.3763, -20.3684, 12.2514

Details

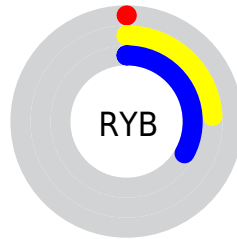
The Hex color **00541F** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **540035**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **40874D**, and **002700** is the 20% darker color. If you saturate the color by 10%, you get **00541F**, and if you desaturate by 10%, it is **085424**.

Distribution



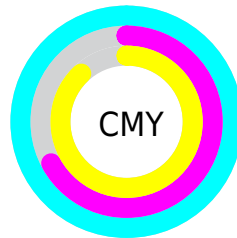
- Red (0%)
- Green (33%)
- Blue (12%)



- 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 00541F 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 00541F by changing the saturation by 10% instead.

 00541F

 00541F

FFFFFF

 003C08

 40874D

 002700

 5AA165

 000300

 75BC7F

 000000

 90D899

 ACF5B4

 C8FFCF

 E4FFEC

 00541F

■ 085424

■ 11542A

■ 19542F

■ 225434

■ 2A5439

■ 32543F

■ 3B5444

■ 435449

■ 4C544F

Harmonies

Analogous

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



3C4E00



00541F



005741

Triad

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



00541F



004D8B



82282D

Complementary

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



00541F



540035

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.



80244E



00541F



3C4185

Square

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



00541F



00547F



6B316E



74370F

Rectangle

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



00541F



005759



6B316E



832538

Sweetspot

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



00541F



4D6E59



355400



24382B



B8B8B8



383838

Same Dimension

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



00541F



006E28



005449



252926



006927



00E856

Inverse Universe

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



540035



6E0045



54000B



292527



690042



E80092

Previews

White Background



This preview shows how the Hex color 00541F looks on a white background.

Color Contrast Check

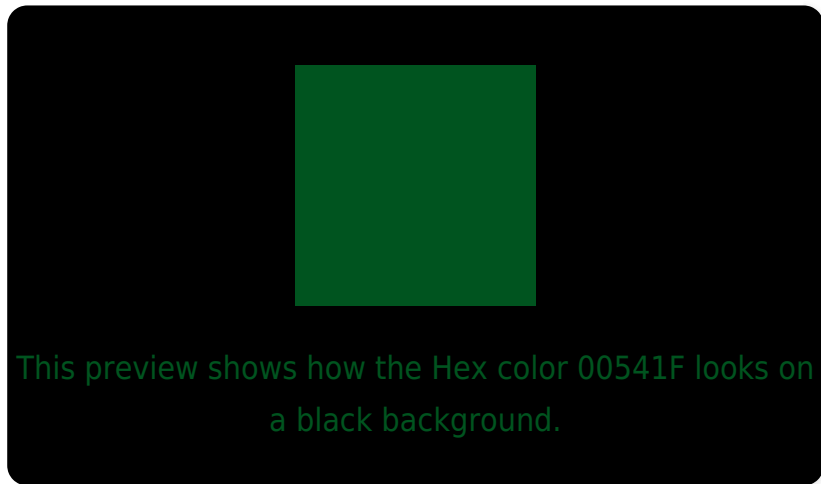
Large Text (above 18pt) WCAG AA ✓ Pass

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

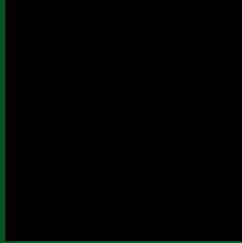
Any Text WCAG AA × Fail

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 00541F Background



This preview shows how black text looks on a background with the Hex color 00541F.



This preview shows how white text looks on a background with the Hex color 00541F.

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
00541F

Protanopia
50481C

Deuteranopia
594524



Tritanopia
224F55

Trichromacy



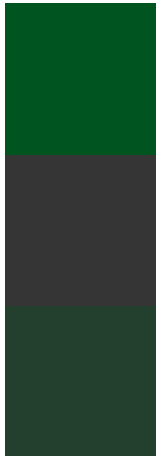
Original Color
00541F

Protanomaly
334C1D

Deuteranomaly
394A22

Tritanomaly
165141

Monochromacy



Original Color
00541F

Achromatopsia
353535

Achromatomaly
22402D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00541F 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 #00541F looks like.

```
.text, #text, p{  
    color:#00541F  
}
```

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 #00541F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00541F
}
```

Border

The CSS property to change the border of an element to Hex 00541F 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".

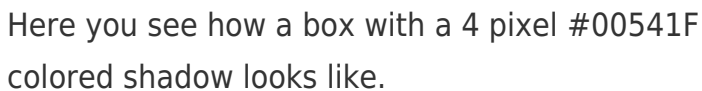
```
.border, #border, table{ border:4px solid
#00541F }
```

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

```
.border{ border-color:#00541F }
```

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

Here you see how a box with a 4 pixel #00541F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00541F; -webkit-box-shadow:4px 4px  
4px 4px #00541F; box-shadow:4px 4px 4px  
4px #00541F }
```

Background

The CSS property to change the background color of an element to Hex 00541F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00541F }
```

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

```
.background{ background-color:#00541F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor