

Converting Colors

Hex(00551B)

Have a look what the booklet for
Hex(00551B) contains.

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Color

Hex(00551B)

Conversions

Conversions Part 1

Format	Color
Hex	00551B
RGB	0, 85, 27
RGB Percent	0%, 33%, 11%
CMY	1.0000, 0.6667, 0.8941
CMYK	1.00, 0.00, 0.68, 0.67
HSL	139°, 100%, 17%
HSV	139°, 100%, 33%
XYZ	3.4463, 6.5761, 2.1246
YIQ	52.9730, -32.0420, -36.0580

Conversions

Conversions Part 2

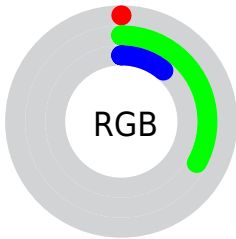
Format	Color
RYB	0, 65, 85
Decimal	21787
CIELab	30.82, -36.33, 26.88
CIElCh	31, 45.192, 143.497
Yxy	6.5761, 0.2837, 0.5414
Android (android.graphics.Color)	4278211867 (0xFF00551B)
YUV	52.9730, -12.8047, -46.4573
Hunter-Lab	25.6440, -20.8881, 13.0386

Details

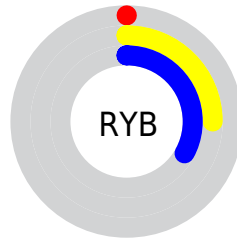
The Hex color **00551B** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **55003A**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **418849**, and **002700** is the 20% darker color. If you saturate the color by 10%, you get **00551B**, and if you desaturate by 10%, it is **085521**.

Distribution



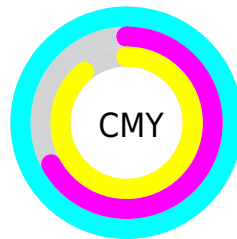
- Red (0%)
- Green (33%)
- Blue (11%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (68%)
- Black (67%)



- Cyan (100%)
- Magenta (67%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00551B 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 00551B by changing the saturation by 10% instead.

 00551B

 00551B

FFFFFF

 003D03

 418849

 002700

 5BA262

 000600

 76BE7B

 000000

 91DA95


 ADF6B0

 C9FFCB

 E5FFE8

 00551B

 085521

 115527

 19552C

 225532

 2A5538

 33553E

 3B5544

 445549

 4C554F

Harmonies

Analogous

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



3E4F00



00551B



00583F

Triad

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



00551B



004F8F



86252F

Complementary

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



00551B



55003A

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.



832252



00551B



36438A

Square

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



00551B



005681



6B3173



78350E

Rectangle

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



00551B



005858



6B3173



87223A

Sweetspot

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



00551B



4D6E57



3A5500



24382A



B8B8B8



383838

Same Dimension

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



00551B



006E23



005545



272B28



006B22



00EB4B

Inverse Universe

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



55003A



6E004B



550010



2B272A



6B0049



EB00A0

Previews

White Background



This preview shows how the Hex color 00551B looks on a white background.

Color Contrast Check

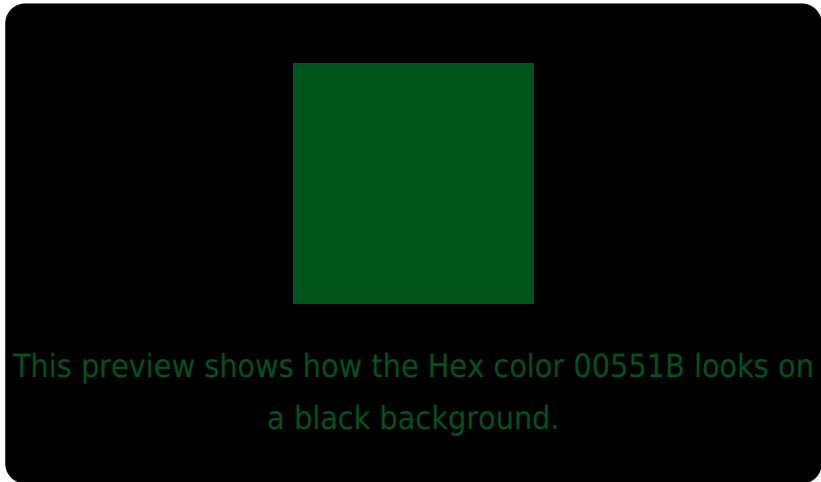
Large Text (above 18pt) WCAG AA ✓ Pass

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 00551B Background



This preview shows how black text looks on a background with the Hex color 00551B.



This preview shows how white text looks on a background with the Hex color 00551B.

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](#).

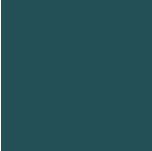
Dichromacy



Original Color
00551B

Protanopia
524918

Deuteranopia
5A4520



Tritanopia
234F56

Trichromacy



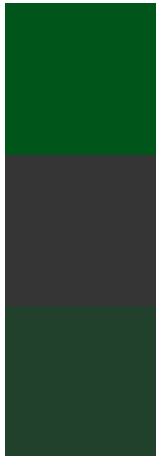
Original Color
00551B

Protanomaly
344D19

Deuteranomaly
394B1E

Tritanomaly
165141

Monochromacy



Original Color
00551B

Achromatopsia
353535

Achromatomaly
22412C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00551B 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 #00551B looks like.

```
.text, #text, p{  
    color:#00551B  
}
```

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 #00551B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00551B
}
```

Border

The CSS property to change the border of an element to Hex 00551B 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".

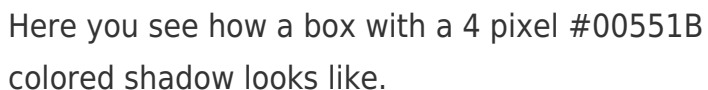
```
.border, #border, table{ border:4px solid
#00551B }
```

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

```
.border{ border-color:#00551B }
```

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

Here you see how a box with a 4 pixel #00551B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00551B; -webkit-box-shadow:4px 4px  
4px 4px #00551B; box-shadow:4px 4px 4px  
4px #00551B }
```

Background

The CSS property to change the background color of an element to Hex 00551B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00551B }
```

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

```
.background{ background-color:#00551B }
```

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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