

Converting Colors

Hex(05611B)

Have a look what the booklet for
Hex(05611B) contains.

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Color

Hex(05611B)

Conversions

Conversions Part 1

Format	Color
Hex	05611B
RGB	5, 97, 27
RGB Percent	2%, 38%, 11%
CMY	0.9804, 0.6196, 0.8941
CMYK	0.95, 0.00, 0.72, 0.62
HSL	134°, 90%, 20%
HSV	134°, 95%, 38%
XYZ	4.5351, 8.6608, 2.4696
YIQ	61.5120, -32.3620, -41.2740

Conversions

Conversions Part 2

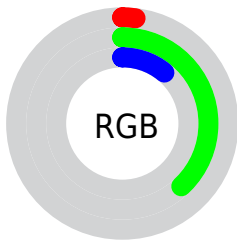
Format	Color
RYB	5, 79, 97
Decimal	352539
CIELab	35.32, -39.87, 31.87
CIElCh	35, 51.043, 141.358
Yxy	8.6608, 0.2895, 0.5529
Android (android.graphics.Color)	4278542619 (0xFF05611B)
YUV	61.5120, -17.0144, -49.5610
Hunter-Lab	29.4292, -23.9938, 15.6251

Details

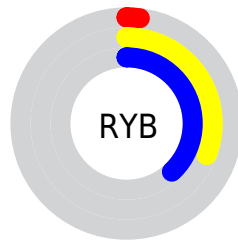
The Hex color **05611B** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **61054B**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **47954B**, and **003100** is the 20% darker color. If you saturate the color by 10%, you get **006117**, and if you desaturate by 10%, it is **0F6122**.

Distribution



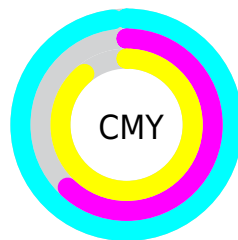
- Red (2%)
- Green (38%)
- Blue (11%)



- Red (2%)
- Yellow (31%)
- Blue (38%)



- Cyan (95%)
- Magenta (0%)
- Yellow (72%)
- Black (62%)



- Cyan (98%)
- Magenta (62%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05611B 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 05611B by changing the saturation by 10% instead.

 05611B

 05611B

FFFFFF

 004802

 47954B

 003100

 62B063

 001B00

 7DCB7D

 000000

 99E897

 B5FFB2

 D1FFCE

 EFFFEA

 05611B

 05611B

■ 006117

■ 0F6122

■ 18612A

■ 226131

■ 2C6139

■ 366140

■ 3F6147

■ 49614F

■ 536156

■ 5C615D

Harmonies

Analogous

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



495A00



05611B



006446

Triad

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



05611B



005CA4



9A2838

Complementary

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



05611B



61054B

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.



952661



05611B



354DA0

Square

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



05611B



006392



783987



8B3B11

Rectangle

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



05611B



006562



783987



9B2545

Sweetspot

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



05611B



5A7D62



4C6105



2A402F



BFBFBF



404040

Same Dimension

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



05611B



007D1E



056148



2C302D



00701B



00F039

Inverse Universe

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



61054B



7D005F



61051E



302C2F



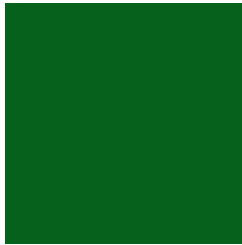
700055



F000B6

Previews

White Background



This preview shows how the Hex color 05611B looks on a white background.

Color Contrast Check

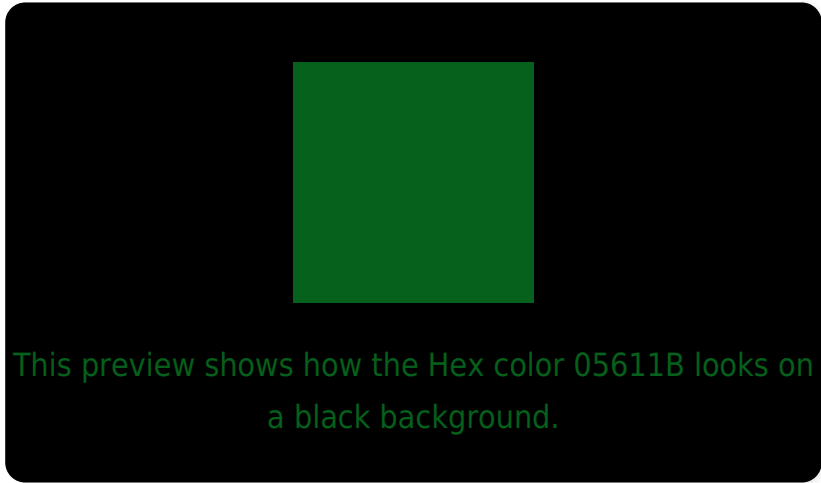
Large Text (above 18pt) WCAG AA ✓ Pass

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

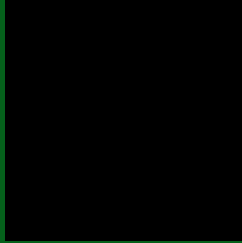
Any Text WCAG AA × Fail

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 05611B Background



This preview shows how black text looks on a background with the Hex color 05611B.



This preview shows how white text looks on a background with the Hex color 05611B.

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
05611B

Protanopia
5D5317

Deuteranopia
674F22



Tritanopia
285B62

Trichromacy



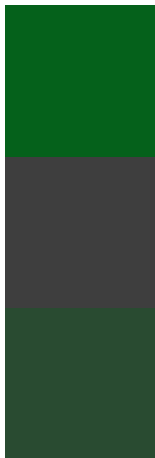
Original Color
05611B

Protanomaly
3D5818

Deuteranomaly
43561F

Tritanomaly
1B5D48

Monochromacy



Original Color
05611B

Achromatopsia
3E3E3E

Achromatomaly
294B31

CSS Examples

Text

The CSS property to change the color of the text to Hex 05611B 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 #05611B looks like.

```
.text, #text, p{  
    color:#05611B  
}
```

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 #05611B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05611B
}
```

Border

The CSS property to change the border of an element to Hex 05611B 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".

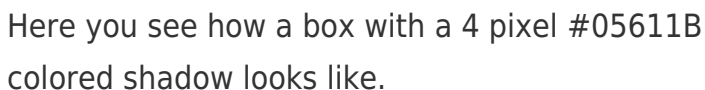
```
.border, #border, table{ border:4px solid
#05611B }
```

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

```
.border{ border-color:#05611B }
```

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

Here you see how a box with a 4 pixel #05611B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05611B; -webkit-box-shadow:4px 4px  
4px 4px #05611B; box-shadow:4px 4px 4px  
4px #05611B }
```

Background

The CSS property to change the background color of an element to Hex 05611B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05611B }
```

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

```
.background{ background-color:#05611B }
```

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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