

Converting Colors

Hex(16611B)

Have a look what the booklet for
Hex(16611B) contains.

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Color

Hex(16611B)

Conversions

Conversions Part 1

Format	Color
Hex	16611B
RGB	22, 97, 27
RGB Percent	9%, 38%, 11%
CMY	0.9137, 0.6196, 0.8941
CMYK	0.77, 0.00, 0.72, 0.62
HSL	124°, 63%, 23%
HSV	124°, 77%, 38%
XYZ	4.8034, 8.7991, 2.4821
YIQ	66.5950, -22.2300, -37.6700

Conversions

Conversions Part 2

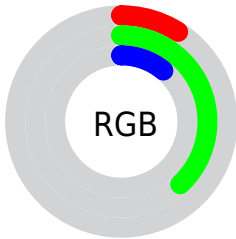
Format	Color
R_{YB}	22, 92, 97
Decimal	1466651
CIE _{Lab}	35.59, -37.53, 32.25
CIE _{LCh}	36, 49.482, 139.331
Yxy	8.7991, 0.2986, 0.5470
Android (android.graphics.Color)	4279656731 (0xFF16611B)
YUV	66.5950, -19.5203, -39.1098
Hunter-Lab	29.6633, -23.0060, 15.8031

Details

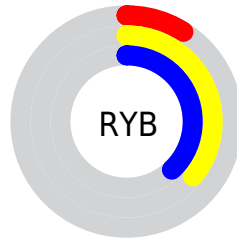
The Hex color **16611B** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **61165C**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **4F954B**, and **003100** is the 20% darker color. If you saturate the color by 10%, you get **0C6112**, and if you desaturate by 10%, it is **206124**.

Distribution



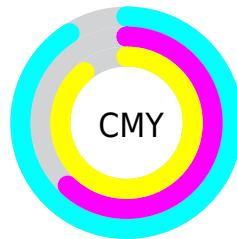
- Red (9%)
- Green (38%)
- Blue (11%)



- Red (9%)
- Yellow (36%)
- Blue (38%)



- Cyan (77%)
- Magenta (0%)
- Yellow (72%)
- Black (62%)



- Cyan (91%)
- Magenta (62%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16611B 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 16611B by changing the saturation by 10% instead.

 16611B

 16611B

FFFFFF

 004902

 4F954B

 003100

 69B063

 001C00

 84CB7D

 000000

 A0E897

 BCFFB2

 D8FFCE

 F5FFEA

 16611B

 16611B

■ 0C6112

■ 206124

■ 036109

■ 29612D

■ 006106

■ 336136

■ 3D613F

■ 476148

■ 506151

■ 5A615A

■ 646163

■ 6D616C

Harmonies

Analogous

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



4D5A00



16611B



006544

Triad

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



16611B



005DA2



992B3C

Complementary

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



16611B



61165C

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.



932B64



16611B



314F9F

Square

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



16611B



00638F



753C88



8C3B17

Rectangle

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



16611B



00665F



753C88



992849

Sweetspot

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



16611B



607D62



5C6116



2E402F



BFBFBF



404040

Same Dimension

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



16611B



097D10



166140



2C302C



007007



00F010

Inverse Universe

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



61165C



7D0975



611637



302C30



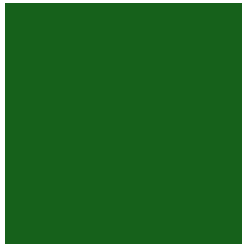
700069



F000E0

Previews

White Background



This preview shows how the Hex color 16611B looks on a white background.

Color Contrast Check

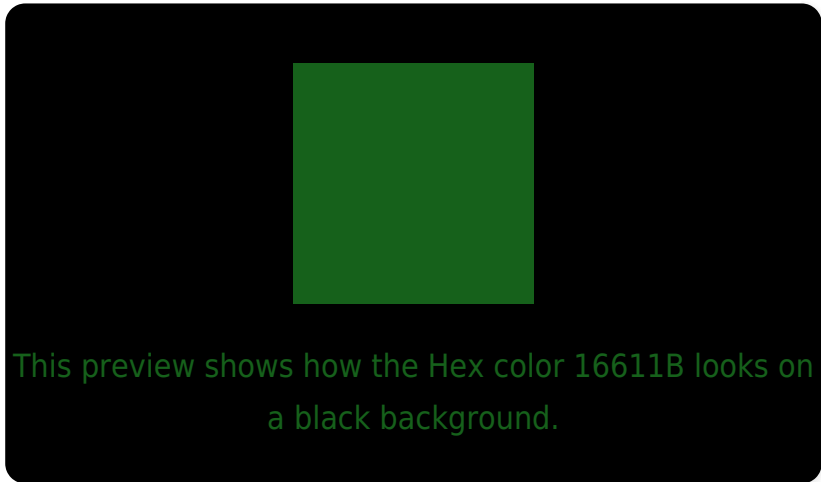
Large Text (above 18pt) WCAG AA ✓ Pass

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

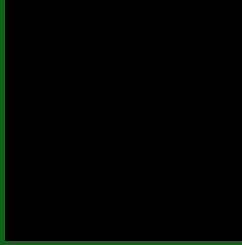
Any Text WCAG AA × Fail

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 16611B Background



This preview shows how black text looks on a background with the Hex color 16611B.



This preview shows how white text looks on a background with the Hex color 16611B.

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
16611B

Protanopia
5E5418

Deuteranopia
684F22

Trichromacy



Original Color
16611B

Protanomaly
445919

Deuteranomaly
4A561F

Tritanomaly
245D48

Monochromacy



Original Color
16611B

Achromatopsia
434343

Achromatomaly
334E34

CSS Examples

Text

The CSS property to change the color of the text to Hex 16611B 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 #16611B looks like.

```
.text, #text, p{  
    color:#16611B  
}
```

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 #16611B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16611B
}
```

Border

The CSS property to change the border of an element to Hex 16611B 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
#16611B }
```

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

```
.border{ border-color:#16611B }
```

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

Here you see how a box with a 4 pixel #16611B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16611B; -webkit-box-shadow:4px 4px  
4px 4px #16611B; box-shadow:4px 4px 4px  
4px #16611B }
```

Background

The CSS property to change the background color of an element to Hex 16611B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16611B }
```

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

```
.background{ background-color:#16611B }
```

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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