

Converting Colors

Hex(1B3E11)

Have a look what the booklet for
Hex(1B3E11) contains.

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Color

Hex(1B3E11)

Conversions

Conversions Part 1

Format	Color
Hex	1B3E11
RGB	27, 62, 17
RGB Percent	11%, 24%, 7%
CMY	0.8941, 0.7569, 0.9333
CMYK	0.56, 0.00, 0.73, 0.76
HSL	107°, 57%, 15%
HSV	107°, 73%, 24%
XYZ	2.2758, 3.7187, 1.1282
YIQ	46.4050, -6.4150, -21.4150

Conversions

Conversions Part 2

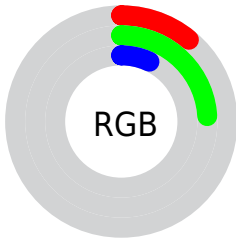
Format	Color
RYB	17, 62, 52
Decimal	1785361
CIELab	22.72, -22.78, 23.16
CIELCh	23, 32.482, 134.531
Yxy	3.7187, 0.3195, 0.5221
Android (android.graphics.Color)	4279975441 (0xFF1B3E11)
YUV	46.4050, -14.4967, -17.0182
Hunter-Lab	19.2840, -12.6814, 10.0302

Details

The Hex color **1B3E11** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **34113E**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **4A6E3D**, and **001100** is the 20% darker color. If you saturate the color by 10%, you get **163E0B**, and if you desaturate by 10%, it is **203E17**.

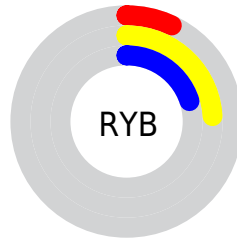
Distribution



Red (11%)

Green (24%)

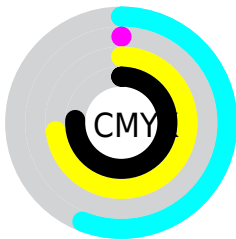
Blue (7%)



Red (7%)

Yellow (24%)

Blue (20%)

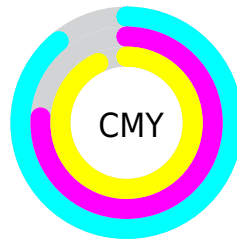


Cyan (56%)

Magenta (0%)

Yellow (73%)

Black (76%)



Cyan (89%)

Magenta (76%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B3E11 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 1B3E11 by changing the saturation by 10% instead.



1B3E11



1B3E11



FFFFFF5



072800



4A6E3D



001100



638855



000000



7DA26E



97BD87



B2D9A2



CEF5BD



EAFD9



1B3E11



1B3E11

■ 163E0B

■ 203E17

■ 113E05

■ 253E1D

■ 0E3E00

■ 293E24

■ 2E3E2A

■ 333E30

■ 383E36

■ 3D3E3C

■ 423E43

■ 463E49

Harmonies

Analogous

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



373900



1B3E11



004128

Triad

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



1B3E11



003C65



621F2C

Complementary

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



1B3E11



34113E

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.



5B2044



1B3E11



1B3565

Square

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



1B3E11



004058



462A59



5C2615

Rectangle

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



1B3E11



004239



462A59



611E34

Sweetspot

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



1B3E11



445240



3E3311



21291E



A8A8A8



292929

Same Dimension

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



1B3E11



1A520B



113E1D



1C1F1C



155E00



31DE00

Inverse Universe

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



34113E



420B52



3E1132



1E1C1F



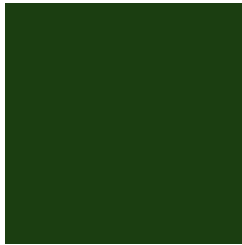
49005E



AD00DE

Previews

White Background



This preview shows how the Hex color 1B3E11 looks on a white background.

Color Contrast Check

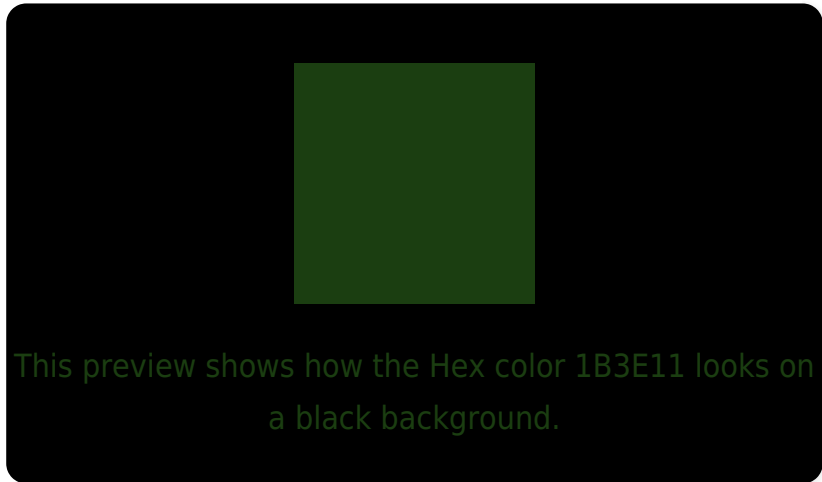
Large Text (above 18pt) WCAG AA ✓ Pass

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

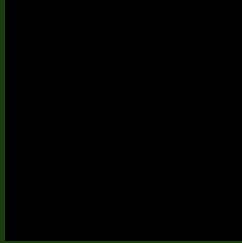
Any Text WCAG AA × Fail

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 1B3E11 Background



This preview shows how black text looks on a background with the Hex color 1B3E11.



This preview shows how white text looks on a background with the Hex color 1B3E11.

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
1B3E11

Protanopia
3D360F

Deuteranopia
443415



Tritanopia
243A3F

Trichromacy



Original Color
1B3E11

Protanomaly
313910

Deuteranomaly
353814

Tritanomaly
213B2E

Monochromacy



Original Color
1B3E11

Achromatopsia
2E2E2E

Achromatomaly
273423

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B3E11 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 #1B3E11 looks like.

```
.text, #text, p{  
    color:#1B3E11  
}
```

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 #1B3E11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B3E11
}
```

Border

The CSS property to change the border of an element to Hex 1B3E11 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
#1B3E11 }
```

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

```
.border{ border-color:#1B3E11 }
```

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

Here you see how a box with a 4 pixel #1B3E11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B3E11; -webkit-box-shadow:4px 4px  
4px 4px #1B3E11; box-shadow:4px 4px 4px  
4px #1B3E11 }
```

Background

The CSS property to change the background color of an element to Hex 1B3E11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B3E11 }
```

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

```
.background{ background-color:#1B3E11 }
```

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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