

Converting Colors

Hex(1B5413)

Have a look what the booklet for
Hex(1B5413) contains.

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Color

Hex(1B5413)

Conversions

Conversions Part 1

Format	Color
Hex	1B5413
RGB	27, 84, 19
RGB Percent	11%, 33%, 7%
CMY	0.8941, 0.6706, 0.9255
CMYK	0.68, 0.00, 0.77, 0.67
HSL	113°, 63%, 20%
HSV	113°, 77%, 33%
XYZ	3.7399, 6.6207, 1.6969
YIQ	59.5470, -13.1070, -32.2990

Conversions

Conversions Part 2

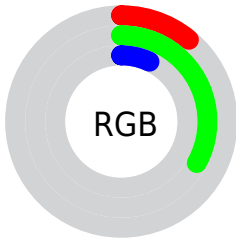
Format	Color
RYB	19, 84, 76
Decimal	1790995
CIELab	30.93, -32.21, 30.95
CIElCh	31, 44.671, 136.141
Yxy	6.6207, 0.3102, 0.5491
Android (android.graphics.Color)	4279981075 (0xFF1B5413)
YUV	59.5470, -19.9897, -28.5437
Hunter-Lab	25.7307, -19.0843, 14.1014

Details

The Hex color **1B5413** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4C1354**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **4F8642**, and **002700** is the 20% darker color. If you saturate the color by 10%, you get **14540B**, and if you desaturate by 10%, it is **22541B**.

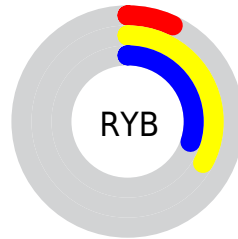
Distribution



Red (11%)

Green (33%)

Blue (7%)



Red (7%)

Yellow (33%)

Blue (30%)

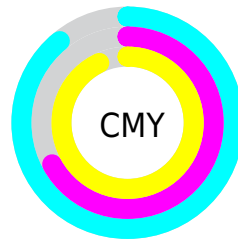


Cyan (68%)

Magenta (0%)

Yellow (77%)

Black (67%)



Cyan (89%)

Magenta (67%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B5413 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 1B5413 by changing the saturation by 10% instead.

 1B5413

 1B5413

FFFFFFD

 003C00

 4F8642

 002700

 69A15A

 000600

 83BC74

 000000

 9FD88E

 BAF5A8

 D6FFC4

 F3FFE0

 1B5413

 1B5413

■ 14540B

■ 22541B

■ 0C5402

■ 2A5424

■ 0A5400

■ 31542C

■ 385435

■ 40543D

■ 475445

■ 4F544E

■ 565456

■ 5D545F

Harmonies

Analogous

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



474D00



1B5413



005837

Triad

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



1B5413



00518D



862438

Complementary

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



1B5413



4C1354

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.



7F265A



1B5413



1E468C

Square

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



1B5413



00577B



62367A



7C3217

Rectangle

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



1B5413



00594F



62367A



862243

Sweetspot

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



1B5413



586E54



544B13



2A3828



B8B8B8



383838

Same Dimension

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



1B5413



146E08



13542B



252925



0D6900



1DE800

Inverse Universe

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



4C1354



61086E



54133C



282529



5C0069



CB00E8

Previews

White Background



This preview shows how the Hex color 1B5413 looks on a white background.

Color Contrast Check

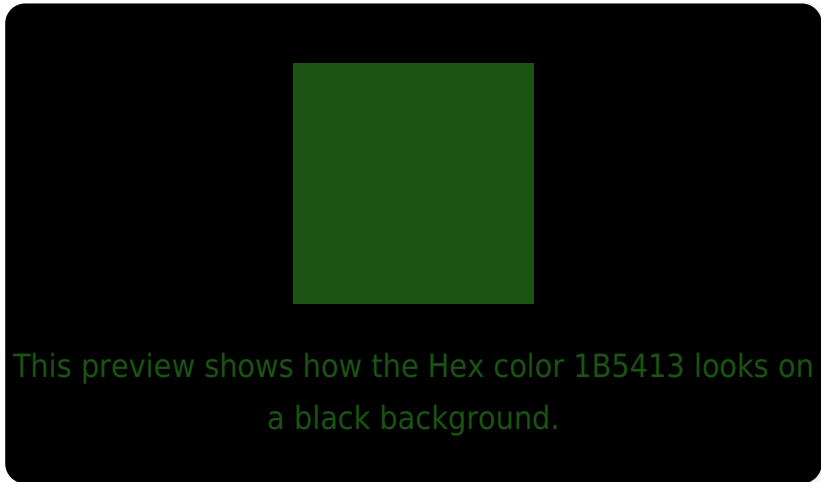
Large Text (above 18pt) WCAG AA ✓ Pass

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

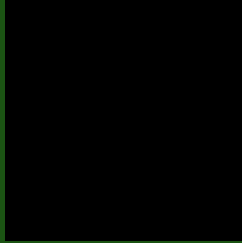
Any Text WCAG AA × Fail

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 1B5413 Background



This preview shows how black text looks on a background with the Hex color 1B5413.



This preview shows how white text looks on a background with the Hex color 1B5413.

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](#).

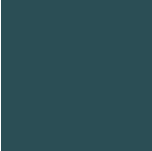
Dichromacy



Original Color
1B5413

Protanopia
524910

Deuteranopia
5B451A



Tritanopia
2B4E55

Trichromacy



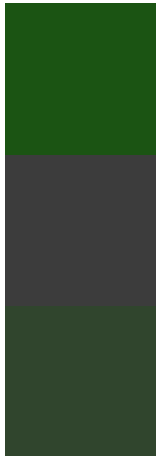
Original Color
1B5413

Protanomaly
3E4D11

Deuteranomaly
444A17

Tritanomaly
25503D

Monochromacy



Original Color
1B5413

Achromatopsia
3C3C3C

Achromatomaly
30452D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B5413 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 #1B5413 looks like.

```
.text, #text, p{  
    color:#1B5413  
}
```

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 #1B5413 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B5413
}
```

Border

The CSS property to change the border of an element to Hex 1B5413 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
#1B5413 }
```

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

```
.border{ border-color:#1B5413 }
```

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

Here you see how a box with a 4 pixel #1B5413 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B5413; -webkit-box-shadow:4px 4px  
4px 4px #1B5413; box-shadow:4px 4px 4px  
4px #1B5413 }
```

Background

The CSS property to change the background color of an element to Hex 1B5413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B5413 }
```

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

```
.background{ background-color:#1B5413 }
```

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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