

# Converting Colors

Hex(1D5D1E)

Have a look what the booklet for  
Hex(1D5D1E) contains.

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# Color

**Hex(1D5D1E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1D5D1E
RGB	29, 93, 30
RGB Percent	11%, 36%, 12%
CMY	0.8863, 0.6353, 0.8824
CMYK	0.69, 0.00, 0.68, 0.64
HSL	121°, 52%, 24%
HSV	121°, 69%, 36%
XYZ	4.6554, 8.1836, 2.5625
YIQ	66.6820, -17.9210, -33.1610

# Conversions

## Conversions Part 2

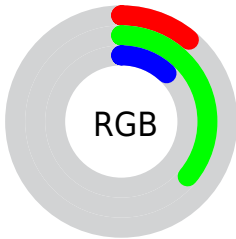
Format	Color
<a href="#">RYB</a>	<a href="#">29, 92, 93</a>
Decimal	<a href="#">1924382</a>
CIELab	<a href="#">34.36, -34.14, 29.52</a>
CIELCh	<a href="#">34, 45.130, 139.153</a>
Yxy	<a href="#">8.1836, 0.3023, 0.5314</a>
Android (android.graphics.Color)	<a href="#">4280114462 (0xFF1D5D1E)</a>
YUV	<a href="#">66.6820, -18.0842, -33.0471</a>
Hunter-Lab	<a href="#">28.6071, -21.0141, 14.7139</a>

# Details

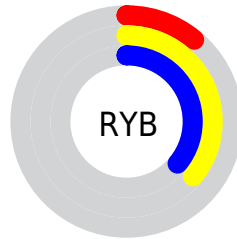
The Hex color **1D5D1E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5D1D5C**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **52904D**, and **002E00** is the 20% darker color. If you saturate the color by 10%, you get **145D15**, and if you desaturate by 10%, it is **265D27**.

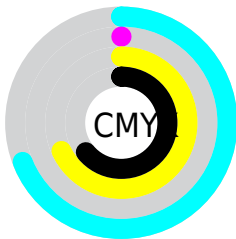
# Distribution



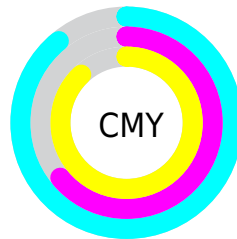
- Red (11%)
- Green (36%)
- Blue (12%)



- Red (11%)
- Yellow (36%)
- Blue (36%)



- Cyan (69%)
- Magenta (0%)
- Yellow (68%)
- Black (64%)



- Cyan (89%)
- Magenta (64%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D5D1E 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 1D5D1E by changing the saturation by 10% instead.



 1D5D1E

 1D5D1E

FFFFFF

 004506

 52904D

 002E00

 6CAB66

 001800

 87C67F

 000000

 A2E399

 BEFFB4

 DBFFD0

 F8FFED

 1D5D1E

 1D5D1E

■ 145D15

■ 265D27

■ 0A5D0C

■ 305D30

■ 015D03

■ 395D39

■ 005D01

■ 425D43

■ 4B5D4C

■ 555D55

■ 5E5D5E

■ 675D67

■ 715D70

# Harmonies

## Analogous

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



4C5600



1D5D1E



006042

# Triad

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



1D5D1E



005997



902D3C

# Complementary

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



1D5D1E



5D1D5C

# 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.



8A2E5F



1D5D1E



344D95

# Square

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



1D5D1E



005F87



6F3C80



853B1B

# Rectangle

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



1D5D1E



00615B



6F3C80



912B47



# Sweetspot

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



1D5D1E



5F785F



5D5D1D



2E3D2E



BDBDBD



3D3D3D



# Same Dimension

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



1D5D1E



147816



1D5D3D



292E29



006E02



00ED04



# Inverse Universe

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



5D1D5C



781476



5D1D3D



2E292E



6E006C

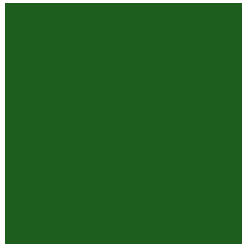


ED00E9



# Previews

## White Background



This preview shows how the Hex color 1D5D1E looks on a white background.

## Color Contrast Check

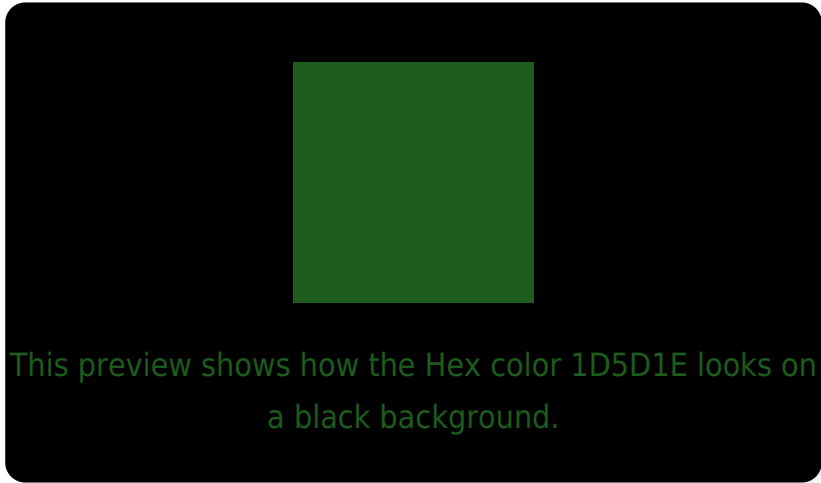
Large Text (above 18pt) WCAG AA ✓ Pass

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

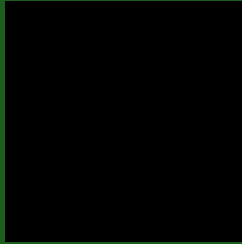
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1D5D1E Background



This preview shows how black text looks on a background with the Hex color 1D5D1E.



This preview shows how white text looks on a background with the Hex color 1D5D1E.

# 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**  
1D5D1E

**Protanopia**  
5A511B

**Deuteranopia**  
644D23



# Trichromacy



**Original Color**  
1D5D1E

**Protanomaly**  
44551C

**Deuteranomaly**  
4A5321

**Tritanomaly**  
285947

# Monochromacy



**Original Color**  
1D5D1E

**Achromatopsia**  
434343

**Achromatomaly**  
354C36

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D5D1E 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 #1D5D1E looks like.

```
.text, #text, p{  
    color:#1D5D1E  
}
```

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 #1D5D1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D5D1E
}
```

## Border

The CSS property to change the border of an element to Hex 1D5D1E 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".

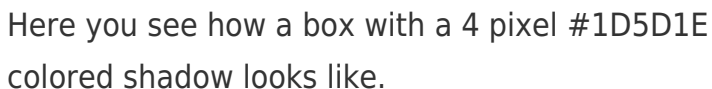
```
.border, #border, table{ border:4px solid
#1D5D1E }
```

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

```
.border{ border-color:#1D5D1E }
```

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

Here you see how a box with a 4 pixel #1D5D1E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D5D1E; -webkit-box-shadow:4px 4px  
4px 4px #1D5D1E; box-shadow:4px 4px 4px  
4px #1D5D1E }
```

# Background

The CSS property to change the background color of an element to Hex 1D5D1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D5D1E }
```

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

```
.background{ background-color:#1D5D1E }
```

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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