

# Converting Colors

Hex(1D4617)

Have a look what the booklet for  
Hex(1D4617) contains.

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# Color

**Hex(1D4617)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1D4617
RGB	29, 70, 23
RGB Percent	11%, 27%, 9%
CMY	0.8863, 0.7255, 0.9098
CMYK	0.59, 0.00, 0.67, 0.73
HSL	112°, 51%, 18%
HSV	112°, 67%, 27%
XYZ	2.8515, 4.7034, 1.5682
YIQ	52.3830, -9.3490, -23.3090

# Conversions

## Conversions Part 2

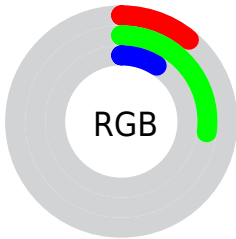
Format	Color
<a href="#">RYB</a>	<a href="#">23, 70, 64</a>
Decimal	<a href="#">1918487</a>
CIELab	<a href="#">25.87, -25.12, 23.53</a>
CIELCh	<a href="#">26, 34.423, 136.869</a>
Yxy	<a href="#">4.7034, 0.3126, 0.5155</a>
Android (android.graphics.Color)	<a href="#">4280108567 (0xFF1D4617)</a>
YUV	<a href="#">52.3830, -14.4858, -20.5069</a>
Hunter-Lab	<a href="#">21.6873, -14.4831, 10.8940</a>

# Details

The Hex color **1D4617** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **401746**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **4D7744**, and **001D00** is the 20% darker color. If you saturate the color by 10%, you get **174610**, and if you desaturate by 10%, it is **23461E**.

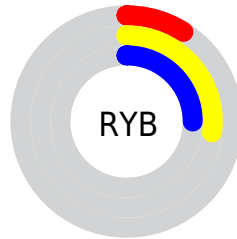
# Distribution



Red (11%)

Green (27%)

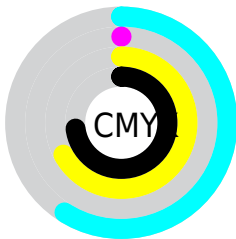
Blue (9%)



Red (9%)

Yellow (27%)

Blue (25%)

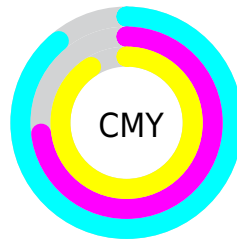


Cyan (59%)

Magenta (0%)

Yellow (67%)

Black (73%)



Cyan (89%)

Magenta (73%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D4617 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 1D4617 by changing the saturation by 10% instead.



 1D4617

 1D4617

FFFFFFD

 052F00

 4D7744

 001D00

 66915C

 000000

 80AB75

 9BC78F

 B6E3A9

 D2FFC5

 EFFF E1

 1D4617

 1D4617

■ 174610

■ 23461E

■ 114609

■ 294625

■ 0B4602

■ 2F462C

■ 094600

■ 354633

■ 3C463A

■ 424641

■ 484648

■ 4E464F

■ 544656

# Harmonies

## Analogous

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



3C4004



1D4617



004930

# Triad

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



1D4617



004470



6C2430

# Complementary

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



1D4617



401746

# 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.



67254A



1D4617



263B70

# Square

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



1D4617



004863



513061



652D18

# Rectangle

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



1D4617



004A43



513061



6C2338



# Sweetspot

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



1D4617



4C5C49



464017



242E23



ADADAD



2E2E2E



# Same Dimension

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



1D4617



1B5C11



174628



212420



0D6300



1DE300



# Inverse Universe

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



401746



52115C



461735



232024



570063



C600E3



# Previews

## White Background



This preview shows how the Hex color 1D4617 looks on a white background.

## Color Contrast Check

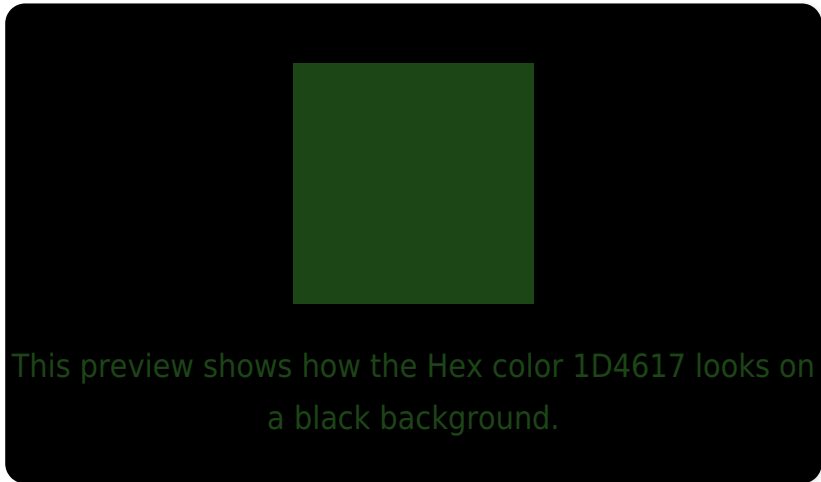
Large Text (above 18pt) WCAG AA ✓ Pass

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

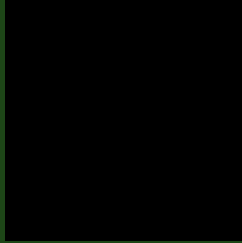
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1D4617 Background



This preview shows how black text looks on a background with the Hex color 1D4617.



This preview shows how white text looks on a background with the Hex color 1D4617.

# 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**  
1D4617

**Protanopia**  
443D15

**Deuteranopia**  
4C3A1B



**Tritanopia**  
274147

# Trichromacy



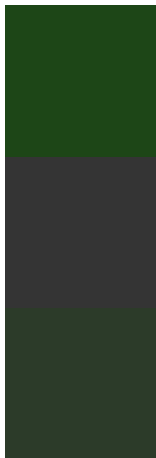
**Original Color**  
1D4617

**Protanomaly**  
364016

**Deuteranomaly**  
3B3E1A

**Tritanomaly**  
234336

# Monochromacy



**Original Color**  
1D4617

**Achromatopsia**  
343434

**Achromatomaly**  
2C3B29

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D4617 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 #1D4617 looks like.

```
.text, #text, p{  
    color:#1D4617  
}
```

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 #1D4617 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D4617  
}
```

## Border

The CSS property to change the border of an element to Hex 1D4617 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  
#1D4617 }
```

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

```
.border{ border-color:#1D4617 }
```

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

Here you see how a box with a 4 pixel #1D4617 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D4617; -webkit-box-shadow:4px 4px  
4px 4px #1D4617; box-shadow:4px 4px 4px  
4px #1D4617 }
```

# Background

The CSS property to change the background color of an element to Hex 1D4617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D4617 }
```

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

```
.background{ background-color:#1D4617 }
```

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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