

# Converting Colors

Hex(1D5800)

Have a look what the booklet for  
Hex(1D5800) contains.

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**Color**

**Hex(1D5800)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1D5800
RGB	29, 88, 0
RGB Percent	11%, 35%, 0%
CMY	0.8863, 0.6549, 1.0000
CMYK	0.67, 0.00, 1.00, 0.65
HSL	100°, 100%, 17%
HSV	100°, 100%, 35%
XYZ	3.9964, 7.2407, 1.1870
YIQ	60.3270, -6.9160, -39.8760

# Conversions

## Conversions Part 2

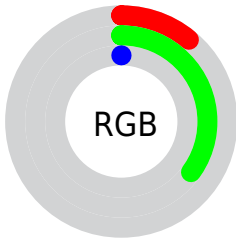
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 88, 59
Decimal	1923072
CIELab	32.35, -34.53, 39.01
CIELCh	32, 52.102, 131.514
Yxy	7.2407, 0.3217, 0.5828
Android (android.graphics.Color)	4280113152 (0xFF1D5800)
YUV	60.3270, -29.7412, -27.4738
Hunter-Lab	26.9085, -20.5792, 16.2206

# Details

The Hex color **1D5800** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3B0058**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **538B35**, and **002A00** is the 20% darker color. If you saturate the color by 10%, you get **1D5800**, and if you desaturate by 10%, it is **235809**.

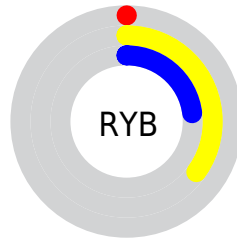
# Distribution



Red (11%)

Green (35%)

Blue (0%)



Red (0%)

Yellow (35%)

Blue (23%)

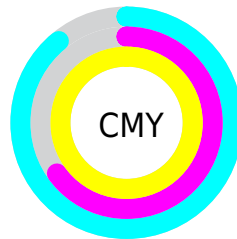


Cyan (67%)

Magenta (0%)

Yellow (100%)

Black (65%)



Cyan (89%)

Magenta (65%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D5800 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 1D5800 by changing the saturation by 10% instead.



 1D5800

 1D5800

 FFFFF0

 004000

 538B35

 002A00

 6DA54E

 000F00

 88C167

 000000

 A3DD81

 BFF99C

 DCFFB7

 F9FFD3

 1D5800

■ 235809

■ 295812

■ 2F581A

■ 355823

■ 3B582C

■ 405835

■ 46583E

■ 4C5846

■ 52584F

# Harmonies

## Analogous

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



4F4F00



1D5800



005C30

# Triad

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



1D5800



00589A



93183E

# Complementary

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



1D5800



3B0058

# 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.



872167



1D5800



004C9D

# Square

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



1D5800



005D82



60398A



8A2C17

# Rectangle

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



1D5800



005E4D



60398A



92174C



# Sweetspot

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



1D5800



5C7350



583B00



2C3B26



BABABA



3B3B3B



# Same Dimension

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



1D5800



267300



00580F



282B27



236B00



4DEB00



# Inverse Universe

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



3B0058



4D0073



580049



2A272B



48006B

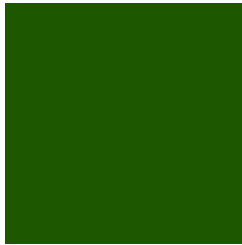


9D00EB



# Previews

## White Background



This preview shows how the Hex color 1D5800 looks on a white background.

## Color Contrast Check

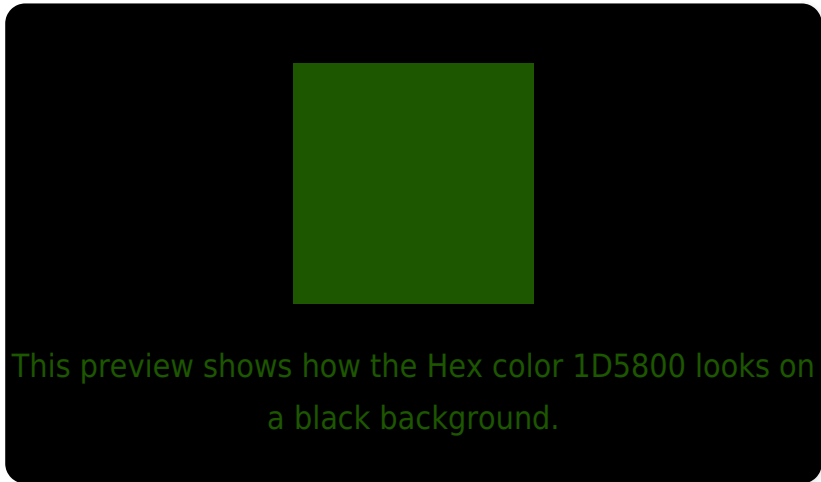
Large Text (above 18pt) WCAG AA ✓ Pass

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 1D5800 Background



This preview shows how black text looks on a background with the Hex color 1D5800.



This preview shows how white text looks on a background with the Hex color 1D5800.

# 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**  
1D5800

**Protanopia**  
564C00

**Deuteranopia**  
604813



**Tritanopia**  
2E5258

# Trichromacy



**Original Color**  
1D5800

**Protanomaly**  
415000

**Deuteranomaly**  
484E0C

**Tritanomaly**  
285438

# Monochromacy



**Original Color**  
1D5800

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
314626

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D5800 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 #1D5800 looks like.

```
.text, #text, p{  
    color:#1D5800  
}
```

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 #1D5800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D5800
}
```

## Border

The CSS property to change the border of an element to Hex 1D5800 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
#1D5800 }
```

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

```
.border{ border-color:#1D5800 }
```

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

Here you see how a box with a 4 pixel #1D5800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D5800; -webkit-box-shadow:4px 4px  
4px 4px #1D5800; box-shadow:4px 4px 4px  
4px #1D5800 }
```

# Background

The CSS property to change the background color of an element to Hex 1D5800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D5800 }
```

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

```
.background{ background-color:#1D5800 }
```

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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