

Converting Colors

Hex(1D6317)

Have a look what the booklet for
Hex(1D6317) contains.

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Color

Hex(1D6317)

Conversions

Conversions Part 1

Format	Color
Hex	1D6317
RGB	29, 99, 23
RGB Percent	11%, 39%, 9%
CMY	0.8863, 0.6118, 0.9098
CMYK	0.71, 0.00, 0.77, 0.61
HSL	115°, 62%, 24%
HSV	115°, 77%, 39%
XYZ	5.1232, 9.2468, 2.3254
YIQ	69.4060, -17.3240, -38.4760

Conversions

Conversions Part 2

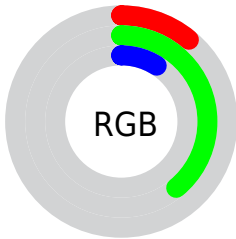
Format	Color
R_{YB}	23, 99, 93
Decimal	1925911
CIE _{Lab}	36.46, -37.23, 34.95
CIE _{LCh}	36, 51.062, 136.806
Yxy	9.2468, 0.3069, 0.5539
Android (android.graphics.Color)	4280115991 (0xFF1D6317)
YUV	69.4060, -22.8782, -35.4361
Hunter-Lab	30.4085, -23.1413, 16.7519

Details

The Hex color **1D6317** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **5D1763**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **549747**, and **003300** is the 20% darker color. If you saturate the color by 10%, you get **14630D**, and if you desaturate by 10%, it is **266321**.

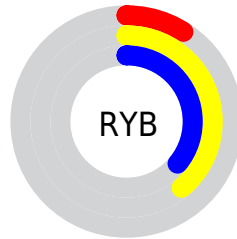
Distribution



Red (11%)

Green (39%)

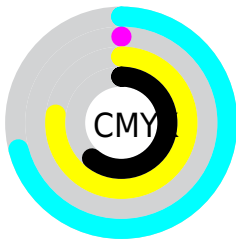
Blue (9%)



Red (9%)

Yellow (39%)

Blue (36%)

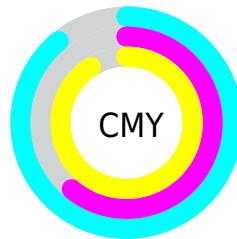


Cyan (71%)

Magenta (0%)

Yellow (77%)

Black (61%)



Cyan (89%)

Magenta (61%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D6317 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 1D6317 by changing the saturation by 10% instead.

 1D6317

 1D6317

FFFFFF

 004B00

 549747

 003300

 6FB260

 001F00

 8ACD7A

 000000

 A5EA94

 C1FFAF

 DEFFCB

 FBF FE7

 1D6317

 1D6317

■ 14630D

■ 266321

■ 0B6303

■ 2F632B

■ 086300

■ 386335

■ 41633F

■ 4B6349

■ 546352

■ 5D635C

■ 666366

■ 6F6370

Harmonies

Analogous

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



535B00



1D6317



006742

Triad

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



1D6317



0060A6



9E2A41

Complementary

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



1D6317



5D1763

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.



952C6A



1D6317



2553A5

Square

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



1D6317



006691



743F8E



923B1A

Rectangle

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



1D6317



00685E



743F8E



9E274E

Sweetspot

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



1D6317



648062



635D17



2F402E



BFBFBF



404040

Same Dimension

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



1D6317



13800A



176337



2C302C



097000



13F000

Inverse Universe

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



5D1763



760A80



631743



302C30



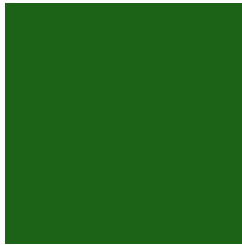
670070



DD00F0

Previews

White Background



This preview shows how the Hex color 1D6317 looks on a white background.

Color Contrast Check

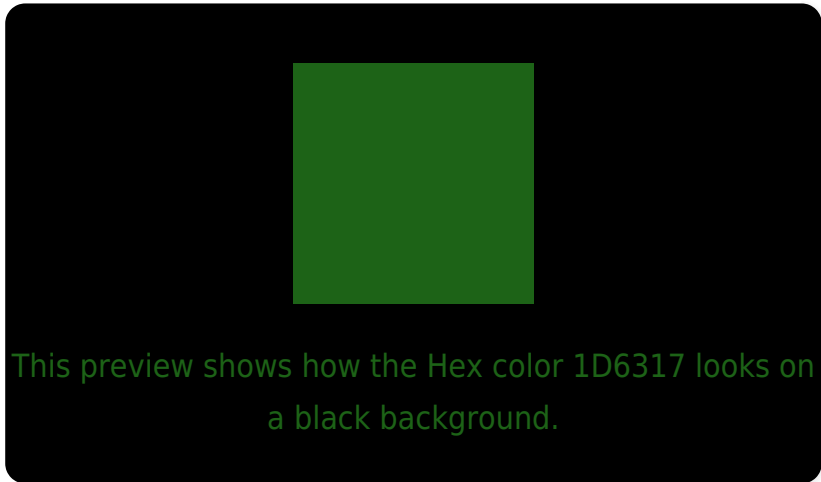
Large Text (above 18pt) WCAG AA ✓ Pass

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

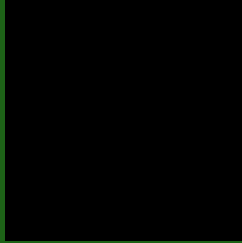
Any Text WCAG AA × Fail

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 1D6317 Background



This preview shows how black text looks on a background with the Hex color 1D6317.



This preview shows how white text looks on a background with the Hex color 1D6317.

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
1D6317

Protanopia
605614

Deuteranopia
6B511F



Tritanopia
315C64

Trichromacy



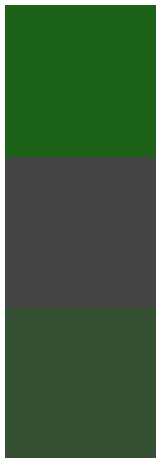
Original Color
1D6317

Protanomaly
485B15

Deuteranomaly
4F581C

Tritanomaly
2A5F48

Monochromacy



Original Color
1D6317

Achromatopsia
454545

Achromatomaly
365034

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D6317 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 #1D6317 looks like.

```
.text, #text, p{  
    color:#1D6317  
}
```

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 #1D6317 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D6317
}
```

Border

The CSS property to change the border of an element to Hex 1D6317 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
#1D6317 }
```

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

```
.border{ border-color:#1D6317 }
```

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

Here you see how a box with a 4 pixel #1D6317 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D6317; -webkit-box-shadow:4px 4px  
4px 4px #1D6317; box-shadow:4px 4px 4px  
4px #1D6317 }
```

Background

The CSS property to change the background color of an element to Hex 1D6317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D6317 }
```

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

```
.background{ background-color:#1D6317 }
```

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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