

Converting Colors

Hex(1D5A16)

Have a look what the booklet for
Hex(1D5A16) contains.

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Color

Hex(1D5A16)

Conversions

Conversions Part 1

Format	Color
Hex	1D5A16
RGB	29, 90, 22
RGB Percent	11%, 35%, 9%
CMY	0.8863, 0.6471, 0.9137
CMYK	0.68, 0.00, 0.76, 0.65
HSL	114°, 61%, 22%
HSV	114°, 76%, 35%
XYZ	4.3077, 7.6315, 2.0050
YIQ	64.0090, -14.5280, -34.0800

Conversions

Conversions Part 2

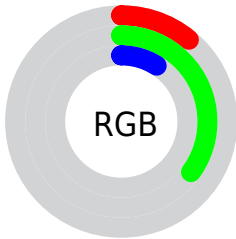
Format	Color
RYB	22, 90, 83
Decimal	1923606
CIELab	33.20, -33.82, 32.02
CIELCh	33, 46.570, 136.563
Yxy	7.6315, 0.3089, 0.5473
Android (android.graphics.Color)	4280113686 (0xFF1D5A16)
YUV	64.0090, -20.7104, -30.7029
Hunter-Lab	27.6251, -20.5098, 15.0343

Details

The Hex color **1D5A16** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **53165A**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **528D45**, and **002B00** is the 20% darker color. If you saturate the color by 10%, you get **155A0D**, and if you desaturate by 10%, it is **255A1F**.

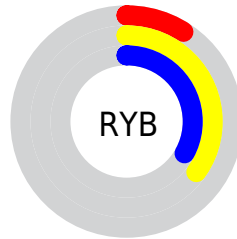
Distribution



Red (11%)

Green (35%)

Blue (9%)



Red (9%)

Yellow (35%)

Blue (33%)

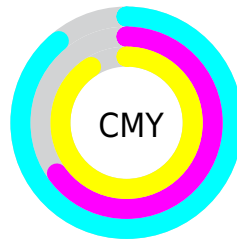


Cyan (68%)

Magenta (0%)

Yellow (76%)

Black (65%)



Cyan (89%)

Magenta (65%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D5A16 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 1D5A16 by changing the saturation by 10% instead.

 1D5A16

 1D5A16

FFFFFF

 004200

 528D45

 002B00

 6CA85E

 001300

 87C377

 000000

 A2DF91

 BEFCAC

 DAFFC8

 F7FFE4

 1D5A16

 1D5A16

■ 155A0D

■ 255A1F

■ 0D5A04

■ 2D5A28

■ 095A00

■ 355A31

■ 3D5A3A

■ 455A43

■ 4D5A4C

■ 565A55

■ 5E5A5E

■ 665A67

Harmonies

Analogous

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



4C5300



1D5A16



005E3C

Triad

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



1D5A16



005796



8F273B

Complementary

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



1D5A16



53165A

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.



872960



1D5A16



244B95

Square

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



1D5A16



005D83



693A81



843619

Rectangle

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



1D5A16



005F55



693A81



8F2648

Sweetspot

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



1D5A16



5D755A



5A5216



2C3B2A



BABABA



3B3B3B

Same Dimension

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



1D5A16



16750B



165A30



2A2E29



0B6E00



18ED00

Inverse Universe

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



53165A



6A0B75



5A1640



2D292E



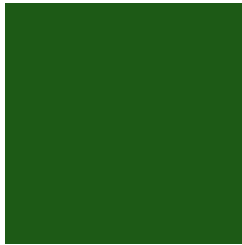
62006E



D500ED

Previews

White Background



This preview shows how the Hex color 1D5A16 looks on a white background.

Color Contrast Check

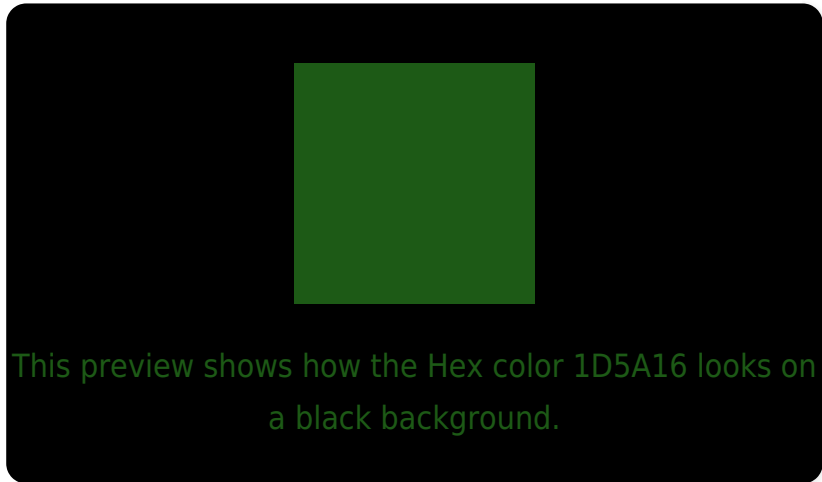
Large Text (above 18pt) WCAG AA ✓ Pass

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

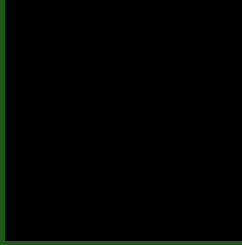
Any Text WCAG AA × Fail

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 1D5A16 Background



This preview shows how black text looks on a background with the Hex color 1D5A16.



This preview shows how white text looks on a background with the Hex color 1D5A16.

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
1D5A16

Protanopia
584E13

Deuteranopia
614A1D



Tritanopia
2E545B

Trichromacy



Original Color
1D5A16

Protanomaly
435214

Deuteranomaly
48501A

Tritanomaly
285642

Monochromacy



Original Color
1D5A16

Achromatopsia
404040

Achromatomaly
334931

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D5A16 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 #1D5A16 looks like.

```
.text, #text, p{  
    color:#1D5A16  
}
```

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 #1D5A16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D5A16
}
```

Border

The CSS property to change the border of an element to Hex 1D5A16 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
#1D5A16 }
```

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

```
.border{ border-color:#1D5A16 }
```

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

Here you see how a box with a 4 pixel #1D5A16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D5A16; -webkit-box-shadow:4px 4px  
4px 4px #1D5A16; box-shadow:4px 4px 4px  
4px #1D5A16 }
```

Background

The CSS property to change the background color of an element to Hex 1D5A16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D5A16 }
```

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

```
.background{ background-color:#1D5A16 }
```

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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