

Converting Colors

Hex(1D1D1A)

Have a look what the booklet for
Hex(1D1D1A) contains.

Hex(1D1D1A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

Hex(1D1D1A)

Conversions

Conversions Part 1

Format	Color
Hex	1D1D1A
RGB	29, 29, 26
RGB Percent	11%, 11%, 10%
CMY	0.8863, 0.8863, 0.8980
CMYK	0.00, 0.00, 0.10, 0.89
HSL	60°, 5%, 11%
HSV	60°, 10%, 11%
XYZ	1.1325, 1.2145, 1.1520
YIQ	28.6580, 0.9630, -0.9330

Conversions

Conversions Part 2

Format	Color
R_{YB}	26, 29, 26
Decimal	1907994
CIE Lab	10.66, -0.73, 2.07
CIE LCh	11, 2.191, 109.458
Yxy	1.2145, 0.3237, 0.3471
Android (android.graphics.Color)	4280098074 (0xFF1D1D1A)
YUV	28.6580, -1.3104, 0.2999
Hunter-Lab	11.0205, -0.9426, 1.5166

Details

The Hex color **1D1D1A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1A1A1D**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **484845**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1D1D17**, and if you desaturate by 10%, it is **1D1D1D**.

Distribution



Red (11%)

Green (11%)

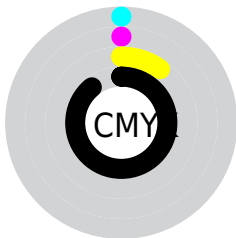
Blue (10%)



Red (10%)

Yellow (11%)

Blue (10%)

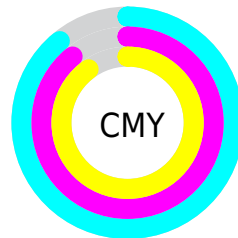


Cyan (0%)

Magenta (0%)

Yellow (10%)

Black (89%)



Cyan (89%)

Magenta (89%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D1D1A 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 1D1D1A by changing the saturation by 10% instead.

■ 1D1D1A

■ 1D1D1A

FFFFFFD

■ 020300

■ 484845

■ 000000

■ 60605C

■ 797975

■ 93938F

■ ADADA9

■ C9C8C4

■ E5E5E0

■ 1D1D1A

■ 1D1D1A

■ 1D1D17

■ 1D1D1D

■ 1D1D14

■ 1D1D20

■ 1D1D11

■ 1D1D23

■ 1D1D0E

■ 1D1D26

■ 1D1D0C

■ 1D1D29

■ 1D1D09

■ 1D1D2B

■ 1D1D06

■ 1D1D2E

■ 1D1D03

■ 1D1D31

■ 1D1D00

■ 1D1D34

Harmonies

Analogous

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



1F1D1A



1D1D1A



1B1D1B

Triad

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



1D1D1A



1A1D1F



201C1D

Complementary

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



1D1D1A



1A1A1D

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.



1E1C1F



1D1D1A



1B1D20

Square

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



1D1D1A



191E1E



1C1D20



201C1C

Rectangle

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



1D1D1A



1A1E1C



1C1D20



1F1C1E

Sweetspot

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



1D1D1A



262625



1D1A1A



141414



949494

Same Dimension

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



1D1D1A



262622



1C1D1A



0F0F0E



4F4F00



CFCF00

Inverse Universe

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



1A1A1D



222226



1C1A1D



0E0E0F



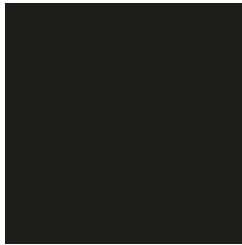
00004F



0000CF

Previews

White Background



This preview shows how the Hex color 1D1D1A looks on a white background.

Color Contrast Check

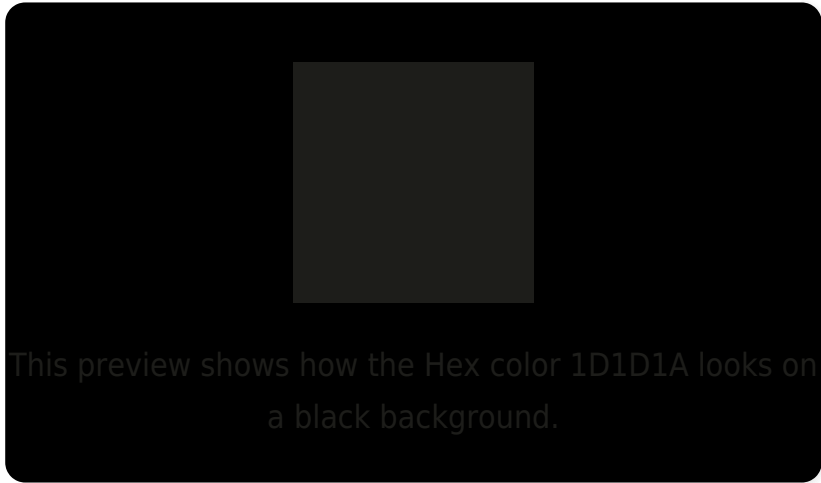
Large Text (above 18pt) WCAG AA ✓ Pass

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

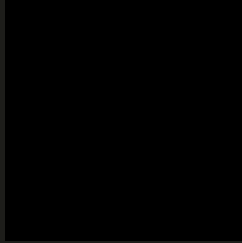
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

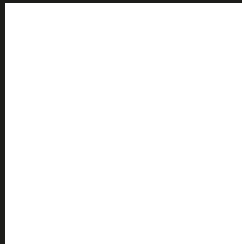
Any Text WCAG AAA × Fail

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

Hex 1D1D1A Background



This preview shows how black text looks on a background with the Hex color 1D1D1A.

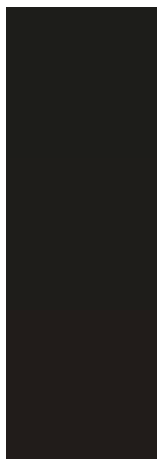


This preview shows how white text looks on a background with the Hex color 1D1D1A.

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

1D1D1A

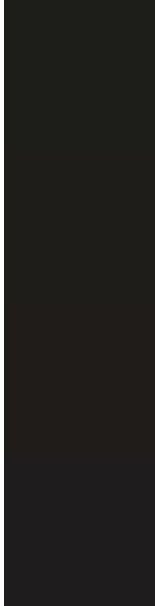
Protanopia

1E1D1A

Deuteranopia

211C1A

Trichromacy



Original Color

1D1D1A

Protanomaly

1E1D1A

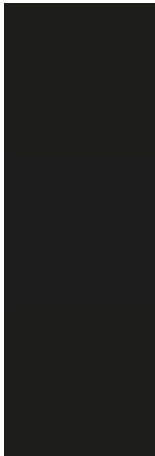
Deuteranomaly

201C1A

Tritanomaly

1E1C1D

Monochromacy



Original Color

1D1D1A

Achromatopsia

1D1D1D

Achromatomaly

1D1D1C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D1D1A 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 #1D1D1A looks like.

```
.text, #text, p{  
    color:#1D1D1A  
}
```

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 #1D1D1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D1D1A
}
```

Border

The CSS property to change the border of an element to Hex 1D1D1A is called "border". The border property can be set on classes, ids or directly on the HTML element.

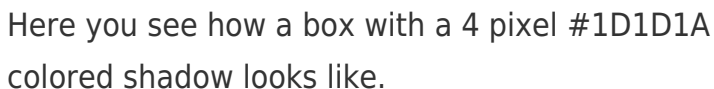
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1D1D1A }
```

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

```
.border{ border-color:#1D1D1A }
```

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



Here you see how a box with a 4 pixel #1D1D1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D1D1A; -webkit-box-shadow:4px 4px  
4px 4px #1D1D1A; box-shadow:4px 4px 4px  
4px #1D1D1A }
```

Background

The CSS property to change the background color of an element to Hex 1D1D1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D1D1A }
```

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

```
.background{ background-color:#1D1D1A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor