

Converting Colors

Hex(1D171D)

Have a look what the booklet for
Hex(1D171D) contains.

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Color

Hex(1D171D)

Conversions

Conversions Part 1

Format	Color
Hex	1D171D
RGB	29, 23, 29
RGB Percent	11%, 9%, 11%
CMY	0.8863, 0.9098, 0.8863
CMYK	0.00, 0.21, 0.00, 0.89
HSL	300°, 12%, 10%
HSV	300°, 21%, 11%
XYZ	1.0349, 0.9627, 1.2937
YIQ	25.4780, 1.6500, 3.1380

Conversions

Conversions Part 2

Format	Color
R_{YB}	29, 23, 29
Decimal	1906461
CIE _{Lab}	8.68, 4.45, -3.09
CIE _{LCh}	9, 5.421, 325.243
Yxy	0.9627, 0.3144, 0.2925
Android (android.graphics.Color)	4280096541 (0xFF1D171D)
YUV	25.4780, 1.7363, 3.0888
Hunter-Lab	9.8118, 1.6560, -0.9491

Details

The Hex color **1D171D** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **171D17**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **494248**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1D141D**, and if you desaturate by 10%, it is **1D1A1D**.

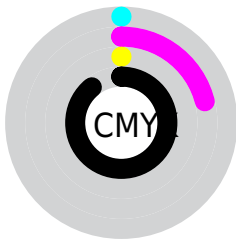
Distribution



- Red (11%)
- Green (9%)
- Blue (11%)



- Red (11%)
- Yellow (9%)
- Blue (11%)



- Cyan (0%)
- Magenta (21%)
- Yellow (0%)
- Black (89%)



- Cyan (89%)
- Magenta (91%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D171D 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 1D171D by changing the saturation by 10% instead.

■ 1D171D

■ 1D171D

■ FFF9FF

■ 000002

■ 494248

■ 000000

■ 605960

■ 797179

■ 938B93

■ ADA5AD

■ C9C0C8

■ E5DCE5

■ 1D171D

■ 1D171D

■ 1D141D

■ 1D1A1D

■ 1D111D

■ 1D1D1D

■ 1D0E1D

■ 1D201D

■ 1D0B1D

■ 1D231D

■ 1D091D

■ 1D261D

■ 1D061D

■ 1D281D

■ 1D031D

■ 1D2B1D

■ 1D001D

■ 1D2E1D

■ 1D311D

Harmonies

Analogous

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



19181F



1D171D



20161A

Triad

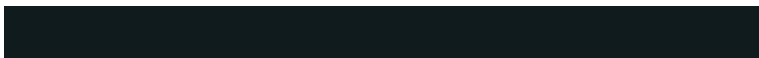
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1D171D



1C1811



0F1B1C

Complementary

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



1D171D



171D17

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.



111B18



1D171D



191A12

Square

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



1D171D



1F1713



141A15



101A1F

Rectangle

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



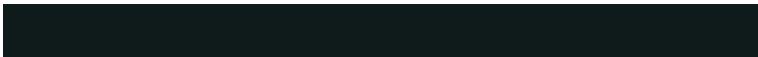
1D171D



201617



141A15



0F1B1B

Sweetspot

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



1D171D



262426



17171D



141314



949494



141414

Same Dimension

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



1D171D



261D26



1D171A



0F0E0F



4F004F



CF00CF

Inverse Universe

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



1D171D



261D26



171D1A



0F0E0F



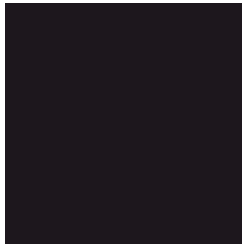
4F004F



CF00CF

Previews

White Background



This preview shows how the Hex color 1D171D looks on a white background.

Color Contrast Check

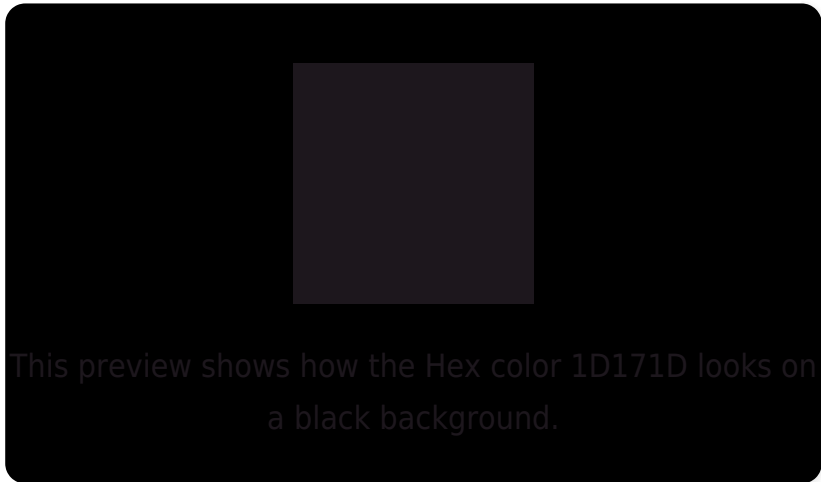
Large Text (above 18pt) WCAG AA ✓ Pass

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

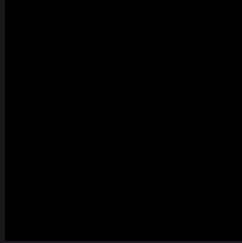
Any Text WCAG AA × Fail

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 1D171D Background



This preview shows how black text looks on a background with the Hex color 1D171D.

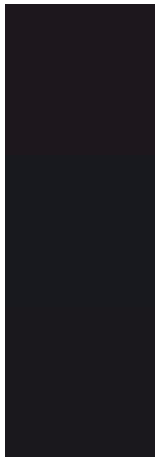


This preview shows how white text looks on a background with the Hex color 1D171D.

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
1D171D

Protanopia
18191E

Deuteranopia
1A181D



Tritanopia
1D1819

Trichromacy



Original Color

1D171D

Protanomaly

1A181E

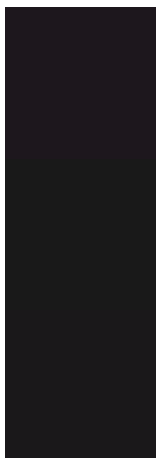
Deuteranomaly

1B181D

Tritanomaly

1D181A

Monochromacy



Original Color

1D171D

Achromatopsia

191919

Achromatomaly

1A181A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D171D 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 #1D171D looks like.

```
.text, #text, p{  
    color:#1D171D  
}
```

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 #1D171D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D171D
}
```

Border

The CSS property to change the border of an element to Hex 1D171D is called "border". The border property can be set on classes, ids or directly on the HTML element.

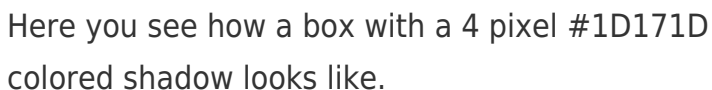
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1D171D }
```

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

```
.border{ border-color:#1D171D }
```

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



Here you see how a box with a 4 pixel #1D171D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D171D; -webkit-box-shadow:4px 4px  
4px 4px #1D171D; box-shadow:4px 4px 4px  
4px #1D171D }
```

Background

The CSS property to change the background color of an element to Hex 1D171D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D171D }
```

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

```
.background{ background-color:#1D171D }
```

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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