

Converting Colors

Hex(171D21)

Have a look what the booklet for
Hex(171D21) contains.

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Color

Hex(171D21)

Conversions

Conversions Part 1

Format	Color
Hex	171D21
RGB	23, 29, 33
RGB Percent	9%, 11%, 13%
CMY	0.9098, 0.8863, 0.8706
CMYK	0.30, 0.12, 0.00, 0.87
HSL	204°, 18%, 11%
HSV	204°, 30%, 13%
XYZ	1.0672, 1.1707, 1.6086
YIQ	27.6620, -4.8600, -0.0280

Conversions

Conversions Part 2

Format	Color
R_{YB}	23, 27, 33
Decimal	1514785
CIE Lab	10.34, -1.57, -3.66
CIE LCh	10, 3.984, 246.813
Yxy	1.1707, 0.2775, 0.3044
Android (android.graphics.Color)	4279704865 (0xFF171D21)
YUV	27.6620, 2.6316, -4.0886
Hunter-Lab	10.8199, -1.3282, -1.2406

Details

The Hex color **171D21** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **211B17**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **42484D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **141C21**, and if you desaturate by 10%, it is **1A1E21**.

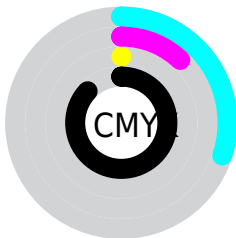
Distribution



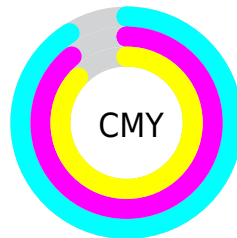
- Red (9%)
- Green (11%)
- Blue (13%)



- Red (9%)
- Yellow (11%)
- Blue (13%)



- Cyan (30%)
- Magenta (12%)
- Yellow (0%)
- Black (87%)



- Cyan (91%)
- Magenta (89%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 171D21 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 171D21 by changing the saturation by 10% instead.

■ 171D21

■ 171D21

■ F9FFFF

■ 00030A

■ 42484D

■ 000000

■ 596065

■ 72797E

■ 8B9398

■ A6ADB2

■ C1C8CE

■ DDE5EA

■ 171D21

■ 171D21

■ 141C21

■ 1A1E21

■ 101A21

■ 1E2021

■ 0D1921

■ 212121

■ 0A1821

■ 242221

■ 061621

■ 282421

■ 031521

■ 2B2521

■ 001421

■ 2E2621

■ 312821

■ 352921

Harmonies

Analogous

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



151E1F



171D21



1A1C21

Triad

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



171D21



221A1C



1B1D18

Complementary

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



171D21



211B17

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.



1E1C17



171D21



221B19

Square

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



171D21



201B1E



201B17



181E1A

Rectangle

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



171D21



1C1C21



201B17



1C1D17

Sweetspot

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



171D21



272A2B



17211B



141617



969696



171717

Same Dimension

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



171D21



1C252B



171821



0E0F0F



002F4F



007CCF

Inverse Universe

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



21171D



2B1C25



212017



0F0E0F



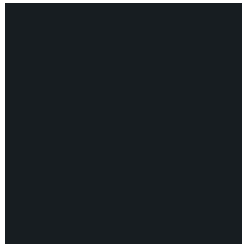
4F002F



CF007C

Previews

White Background



This preview shows how the Hex color 171D21 looks on a white background.

Color Contrast Check

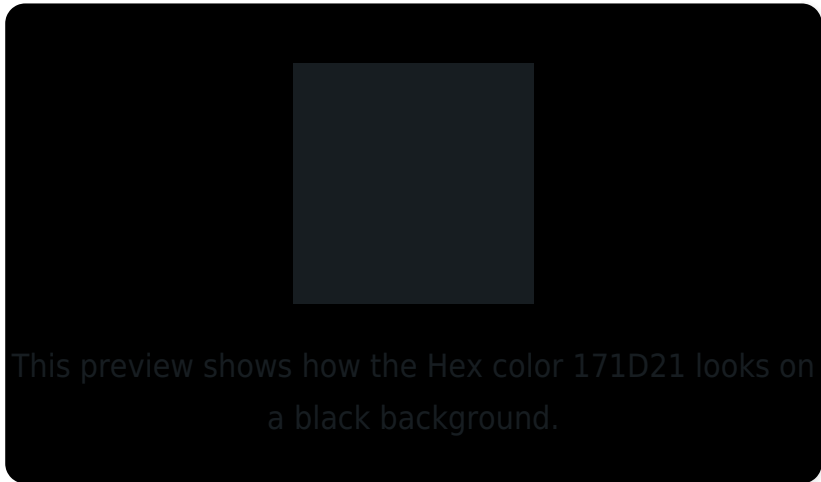
Large Text (above 18pt) WCAG AA ✓ Pass

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

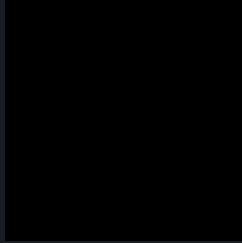
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

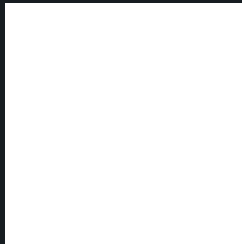
Any Text WCAG AAA × Fail

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

Hex 171D21 Background



This preview shows how black text looks on a background with the Hex color 171D21.



This preview shows how white text looks on a background with the Hex color 171D21.

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
171D21

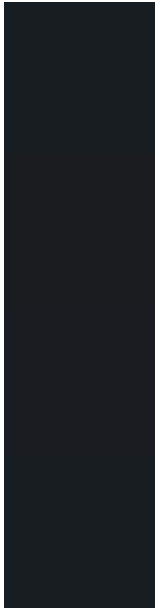
Protanopia
1B1C20

Deuteranopia
1C1B21



Tritanopia
171D20

Trichromacy



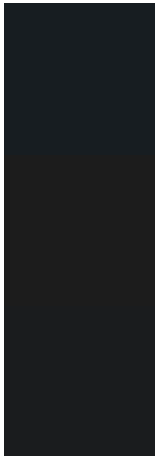
Original Color
171D21

Protanomaly
1A1C20

Deuteranomaly
1A1C21

Tritanomaly
171D20

Monochromacy



Original Color
171D21

Achromatopsia
1C1C1C

Achromatomaly
1A1C1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 171D21 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 #171D21 looks like.

```
.text, #text, p{  
    color:#171D21  
}
```

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 #171D21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #171D21
}
```

Border

The CSS property to change the border of an element to Hex 171D21 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".

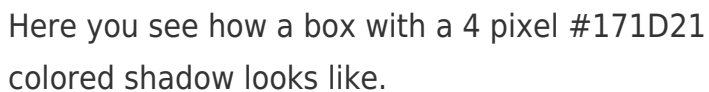
```
.border, #border, table{ border:4px solid
#171D21 }
```

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

```
.border{ border-color:#171D21 }
```

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

Here you see how a box with a 4 pixel #171D21 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #171D21; -webkit-box-shadow:4px 4px  
4px 4px #171D21; box-shadow:4px 4px 4px  
4px #171D21 }
```

Background

The CSS property to change the background color of an element to Hex 171D21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#171D21 }
```

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

```
.background{ background-color:#171D21 }
```

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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