

Converting Colors

Hex(171F23)

Have a look what the booklet for
Hex(171F23) contains.

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Color

Hex(171F23)

Conversions

Conversions Part 1

Format	Color
Hex	171F23
RGB	23, 31, 35
RGB Percent	9%, 12%, 14%
CMY	0.9098, 0.8784, 0.8627
CMYK	0.34, 0.11, 0.00, 0.86
HSL	200°, 21%, 11%
HSV	200°, 34%, 14%
XYZ	1.1467, 1.2835, 1.7774
YIQ	29.0640, -6.0520, -0.4520

Conversions

Conversions Part 2

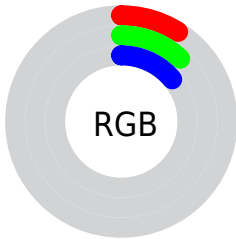
Format	Color
RYB	23, 28, 35
Decimal	1515299
CIELab	11.16, -2.39, -3.91
CIElCh	11, 4.581, 238.552
Yxy	1.2835, 0.2725, 0.3050
Android (android.graphics.Color)	4279705379 (0xFF171F23)
YUV	29.0640, 2.9264, -5.3181
Hunter-Lab	11.3291, -1.7584, -1.3716

Details

The Hex color **171F23** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **231B17**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **424B4F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **141E23**, and if you desaturate by 10%, it is **1B2023**.

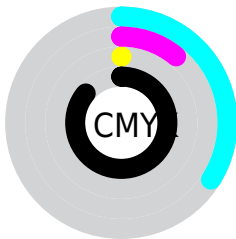
Distribution



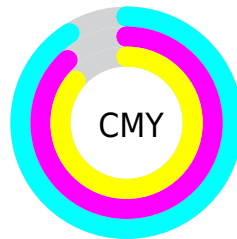
- Red (9%)
- Green (12%)
- Blue (14%)



- Red (9%)
- Yellow (11%)
- Blue (14%)



- Cyan (34%)
- Magenta (11%)
- Yellow (0%)
- Black (86%)



- Cyan (91%)
- Magenta (88%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 171F23 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 171F23 by changing the saturation by 10% instead.

■ 171F23

■ 171F23

■ FAFFFF

■ 00060D

■ 424B4F

■ 000000

■ 596367

■ 727B80

■ 8C959A

■ A6B0B5

■ C1CBD1

■ DDE7ED

■ 171F23

■ 171F23

■ 141E23

■ 1B2023

■ 101D23

■ 1E2123

■ 0D1B23

■ 222323

■ 091A23

■ 252423

■ 051923

■ 292523

■ 021823

■ 2C2623

■ 001723

■ 302723

■ 332823

■ 372A23

Harmonies

Analogous

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



162021



171F23



1A1E24

Triad

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



171F23



241C1E



1D1F18

Complementary

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



171F23



231B17

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.



201E18



171F23



241C1B

Square

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



171F23



221C21



231D19



191F1A

Rectangle

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



171F23



1D1D24



231D19



1E1E18

Sweetspot

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



171F23



292C2E



17231B



141617



969696



171717

Same Dimension

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



171F23



1B282E



171923



101112



003652



008BD1

Inverse Universe

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



23171F



2E1B28



232117



121011



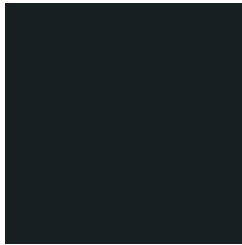
520036



D1008B

Previews

White Background



This preview shows how the Hex color 171F23 looks on a white background.

Color Contrast Check

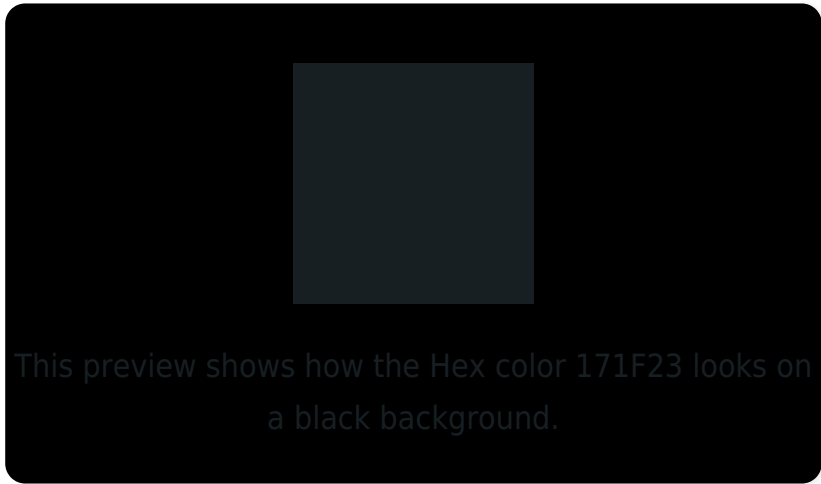
Large Text (above 18pt) WCAG AA ✓ Pass

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

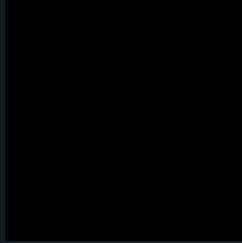
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

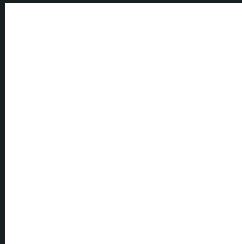
Any Text WCAG AAA × Fail

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

Hex 171F23 Background



This preview shows how black text looks on a background with the Hex color 171F23.



This preview shows how white text looks on a background with the Hex color 171F23.

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
171F23

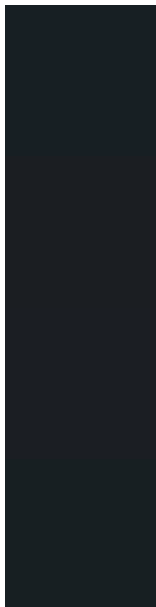
Protanopia
1D1E22

Deuteranopia
1E1D23



Tritanopia
171F22

Trichromacy



Original Color

171F23

Protanomaly

1B1E22

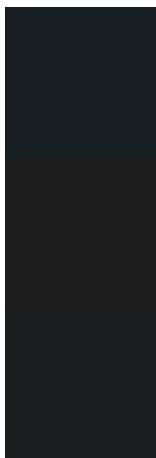
Deuteranomaly

1B1E23

Tritanomaly

171F22

Monochromacy



Original Color

171F23

Achromatopsia

1D1D1D

Achromatomaly

1B1E1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 171F23 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 #171F23 looks like.

```
.text, #text, p{  
    color:#171F23  
}
```

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 #171F23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #171F23
}
```

Border

The CSS property to change the border of an element to Hex 171F23 is called "border". The border property can be set on classes, ids or directly on the HTML element.

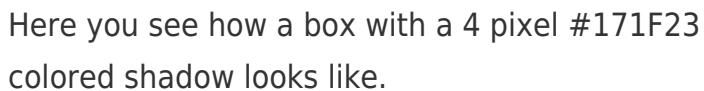
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#171F23 }
```

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

```
.border{ border-color:#171F23 }
```

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



Here you see how a box with a 4 pixel #171F23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #171F23; -webkit-box-shadow:4px 4px  
4px 4px #171F23; box-shadow:4px 4px 4px  
4px #171F23 }
```

Background

The CSS property to change the background color of an element to Hex 171F23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#171F23 }
```

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

```
.background{ background-color:#171F23 }
```

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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