

Converting Colors

Hex(26171C)

Have a look what the booklet for
Hex(26171C) contains.

Hex(26171C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(26171C)

Conversions

Conversions Part 1

Format	Color
Hex	26171C
RGB	38, 23, 28
RGB Percent	15%, 9%, 11%
CMY	0.8510, 0.9098, 0.8902
CMYK	0.00, 0.39, 0.26, 0.85
HSL	340°, 25%, 12%
HSV	340°, 39%, 15%
XYZ	1.3153, 1.1087, 1.2433
YIQ	28.0550, 7.3350, 4.7350

Conversions

Conversions Part 2

Format	Color
RYB	38, 23, 28
Decimal	2496284
CIELab	9.87, 8.55, -0.44
CIELCh	10, 8.562, 357.053
Yxy	1.1087, 0.3587, 0.3023
Android (android.graphics.Color)	4280686364 (0xFF26171C)
YUV	28.0550, -0.0271, 8.7218
Hunter-Lab	10.5295, 3.8713, 0.3699

Details

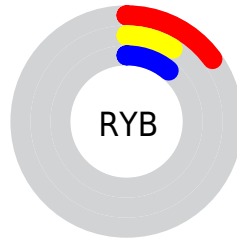
The Hex color **26171C** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **172621**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **534247**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **261319**, and if you desaturate by 10%, it is **261B1F**.

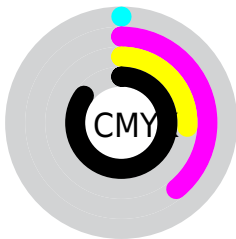
Distribution



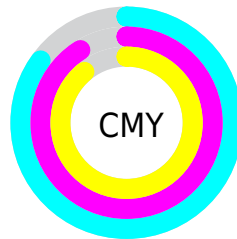
- Red (15%)
- Green (9%)
- Blue (11%)



- Red (15%)
- Yellow (9%)
- Blue (11%)



- Cyan (0%)
- Magenta (39%)
- Yellow (26%)
- Black (85%)



- Cyan (85%)
- Magenta (91%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 26171C 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 26171C by changing the saturation by 10% instead.

■ 26171C

■ 26171C

■ FFF9FF

■ 120001

■ 534247

■ 000000

■ 6C595F

■ 857278

■ 9F8B91

■ BAA6AC

■ D6C1C7

■ F2DDE3

■ 26171C

■ 26171C

■ 261319

■ 261B1F

■ 260F17

■ 261F21

■ 260C14

■ 262224

■ 260812

■ 262626

■ 26040F

■ 262A29

■ 26000D

■ 262E2B

■ 26322E

■ 263530

■ 263933

Harmonies

Analogous

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



221822



26171C



271716

Triad

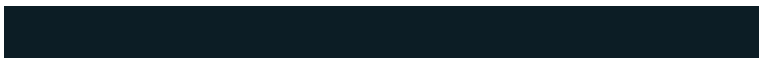
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26171C



1A1C10



0C1D25

Complementary

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



26171C



172621

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.



091E20



26171C



131E15

Square

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



26171C



201B0F



0D1E1A



131C27

Rectangle

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



26171C



261813



0D1E1A



0A1E23

Sweetspot

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



26171C



302B2D



211726



1A1617



999999



1A1A1A

Same Dimension

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



26171C



301A21



261917



121011



52001B



D10046

Inverse Universe

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



26171C



301A21



172326



121011



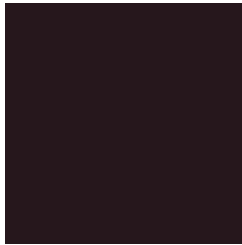
52001B



D10046

Previews

White Background



This preview shows how the Hex color 26171C looks on a white background.

Color Contrast Check

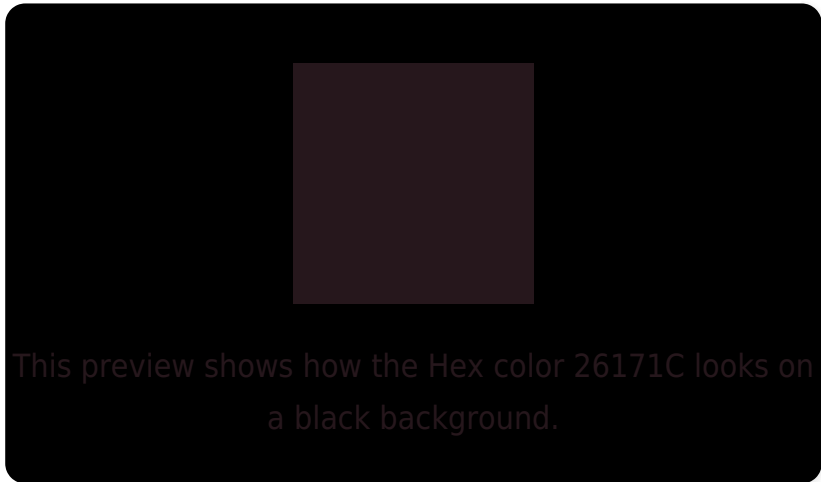
Large Text (above 18pt) WCAG AA ✓ Pass

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

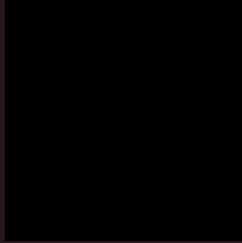
Any Text WCAG AA × Fail

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 26171C Background



This preview shows how black text looks on a background with the Hex color 26171C.

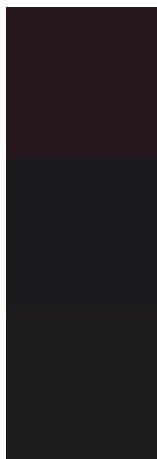


This preview shows how white text looks on a background with the Hex color 26171C.

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
26171C

Protanopia
1B1B1F

Deuteranopia
1E1B1B



Tritanopia
261719

Trichromacy



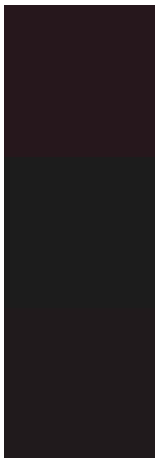
Original Color
26171C

Protanomaly
1F1A1E

Deuteranomaly
211A1B

Tritanomaly
26171A

Monochromacy



Original Color
26171C

Achromatopsia
1C1C1C

Achromatomaly
201A1C

CSS Examples

Text

The CSS property to change the color of the text to Hex 26171C 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 #26171C looks like.

```
.text, #text, p{  
    color:#26171C  
}
```

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 #26171C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26171C
}
```

Border

The CSS property to change the border of an element to Hex 26171C is called "border". The border property can be set on classes, ids or directly on the HTML element.

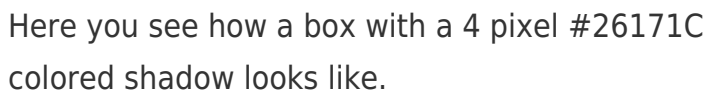
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#26171C }
```

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

```
.border{ border-color:#26171C }
```

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



Here you see how a box with a 4 pixel #26171C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26171C; -webkit-box-shadow:4px 4px  
4px 4px #26171C; box-shadow:4px 4px 4px  
4px #26171C }
```

Background

The CSS property to change the background color of an element to Hex 26171C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26171C }
```

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

```
.background{ background-color:#26171C }
```

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