

Converting Colors

Hex(172027)

Have a look what the booklet for
Hex(172027) contains.

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Color

Hex(172027)

Conversions

Conversions Part 1

Format	Color
Hex	172027
RGB	23, 32, 39
RGB Percent	9%, 13%, 15%
CMY	0.9098, 0.8745, 0.8471
CMYK	0.41, 0.18, 0.00, 0.85
HSL	206°, 26%, 12%
HSV	206°, 41%, 15%
XYZ	1.2361, 1.3617, 2.1171
YIQ	30.1070, -7.6110, 0.2690

Conversions

Conversions Part 2

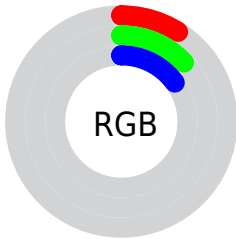
Format	Color
RYB	23, 29, 39
Decimal	1515559
CIELab	11.70, -1.82, -6.02
CIELCh	12, 6.290, 253.221
Yxy	1.3617, 0.2622, 0.2888
Android (android.graphics.Color)	4279705639 (0xFF172027)
YUV	30.1070, 4.3842, -6.2328
Hunter-Lab	11.6690, -1.5128, -2.5888

Details

The Hex color **172027** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **271E17**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **424C54**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **131E27**, and if you desaturate by 10%, it is **1B2227**.

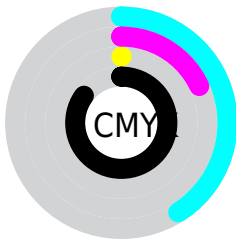
Distribution



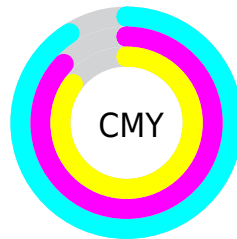
- Red (9%)
- Green (13%)
- Blue (15%)



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



- Cyan (41%)
- Magenta (18%)
- Yellow (0%)
- Black (85%)



- Cyan (91%)
- Magenta (87%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 172027 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 172027 by changing the saturation by 10% instead.

■ 172027

■ 172027

■ FAFFFF

■ 000813

■ 424C54

■ 000000

■ 5A646C

■ 737D85

■ 8C969F

■ A7B1BA

■ C2CDD6

■ DEE9F3

■ 172027

■ 172027

■ 131E27

■ 1B2227

■ 0F1D27

■ 1F2327

■ 0B1B27

■ 232527

■ 071927

■ 272727

■ 041727

■ 2B2927

■ 001627

■ 2E2A27

■ 322C27

■ 362E27

■ 3A2F27

Harmonies

Analogous

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



142125



172027



1C1F27

Triad

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



172027



281C1D



1B2019

Complementary

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



172027



271E17

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.



201F17



172027



271D19

Square

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



172027



261C21



241E17



17211C

Rectangle

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



172027



201E26



241E17



1D2018

Sweetspot

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



172027



2D3033



17271E



16181A



999999



1A1A1A

Same Dimension

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



172027



1A2833



171827



121414



002F54



0077D4

Inverse Universe

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



271720



331A28



272617



141214



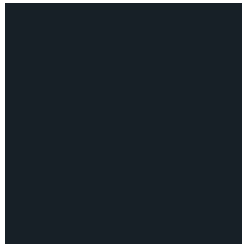
54002F



D40077

Previews

White Background



This preview shows how the Hex color 172027 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

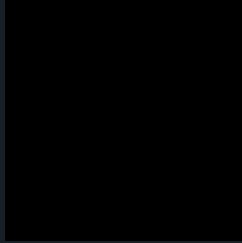
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

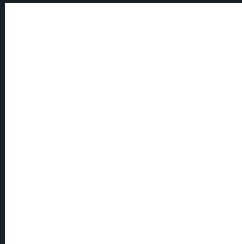
Any Text WCAG AAA × Fail

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

Hex 172027 Background



This preview shows how black text looks on a background with the Hex color 172027.



This preview shows how white text looks on a background with the Hex color 172027.

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
172027

Protanopia
1D1F26

Deuteranopia
1D1E27



Tritanopia
162123

Trichromacy



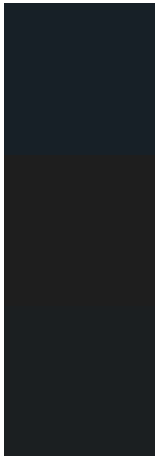
Original Color
172027

Protanomaly
1B1F26

Deuteranomaly
1B1F27

Tritanomaly
162124

Monochromacy



Original Color
172027

Achromatopsia
1E1E1E

Achromatomaly
1B1F21

CSS Examples

Text

The CSS property to change the color of the text to Hex 172027 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 #172027 looks like.

```
.text, #text, p{  
    color:#172027  
}
```

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 #172027 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #172027
}
```

Border

The CSS property to change the border of an element to Hex 172027 is called "border". The border property can be set on classes, ids or directly on the HTML element.

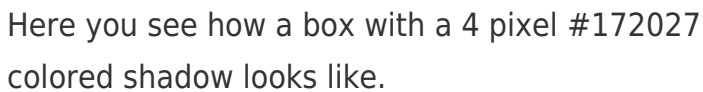
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#172027 }
```

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

```
.border{ border-color:#172027 }
```

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



Here you see how a box with a 4 pixel #172027 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #172027; -webkit-box-shadow:4px 4px  
4px 4px #172027; box-shadow:4px 4px 4px  
4px #172027 }
```

Background

The CSS property to change the background color of an element to Hex 172027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#172027 }
```

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

```
.background{ background-color:#172027 }
```

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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