

Converting Colors

Hex(172B25)

Have a look what the booklet for
Hex(172B25) contains.

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Color

Hex(172B25)

Conversions

Conversions Part 1

Format	Color
Hex	172B25
RGB	23, 43, 37
RGB Percent	9%, 17%, 15%
CMY	0.9098, 0.8314, 0.8549
CMYK	0.47, 0.00, 0.14, 0.83
HSL	162°, 30%, 13%
HSV	162°, 47%, 17%
XYZ	1.5512, 2.0435, 2.0629
YIQ	36.3360, -9.9940, -6.1060

Conversions

Conversions Part 2

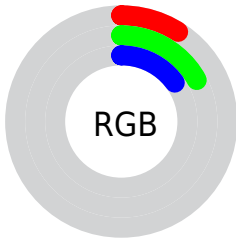
Format	Color
RYB	23, 35, 43
Decimal	1518373
CIELab	15.71, -9.87, 1.36
CIELCh	16, 9.965, 172.149
Yxy	2.0435, 0.2742, 0.3612
Android (android.graphics.Color)	4279708453 (0xFF172B25)
YUV	36.3360, 0.3274, -11.6957
Hunter-Lab	14.2950, -5.6473, 1.4503

Details

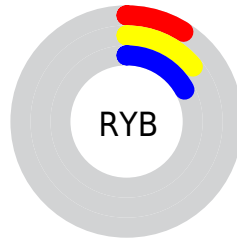
The Hex color **172B25** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2B171D**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **435952**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **132B24**, and if you desaturate by 10%, it is **1B2B26**.

Distribution



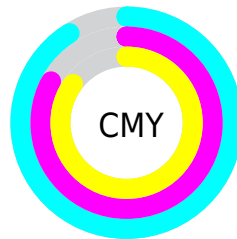
- Red (9%)
- Green (17%)
- Blue (15%)



- Red (9%)
- Yellow (14%)
- Blue (17%)



- Cyan (47%)
- Magenta (0%)
- Yellow (14%)
- Black (83%)



- Cyan (91%)
- Magenta (83%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 172B25 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 172B25 by changing the saturation by 10% instead.

■ 172B25

■ 172B25

■ FFFFFFFF

■ 001710

■ 435952

■ 000000

■ 5B716A

■ 738A83

■ 8DA59D

■ A8C0B8

■ C3DCD3

■ DFF8F0

■ 172B25

■ 172B25

■ 132B24

■ 1B2B26

■ 0E2B22

■ 202B28

■ 0A2B21

■ 242B29

■ 062B20

■ 282B2A

■ 022B1F

■ 2D2B2B

■ 002B1E

■ 312B2D

■ 352B2E

■ 392B2F

■ 3E2B31

Harmonies

Analogous

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



1F2A1E



172B25



122B2C

Triad

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



172B25



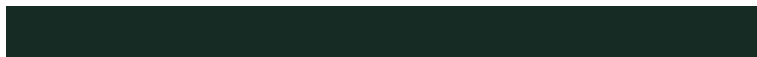
262634



33241C

Complementary

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



172B25



2B171D

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.



352222



172B25



2E2430

Square

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



172B25



1C2835



342229



2E2619

Rectangle

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



172B25



122B30



342229



34231E

Sweetspot

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



172B25



303836



1D2B17



171C1B



9C9C9C



1C1C1C

Same Dimension

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



172B25



19382F



17272B



121414



00543B



00D494

Inverse Universe

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



2B171D



381922



2B1B17



141213



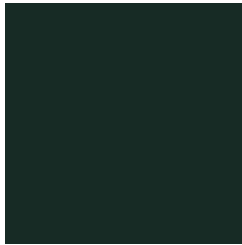
540019



D4003F

Previews

White Background



This preview shows how the Hex color 172B25 looks on a white background.

Color Contrast Check

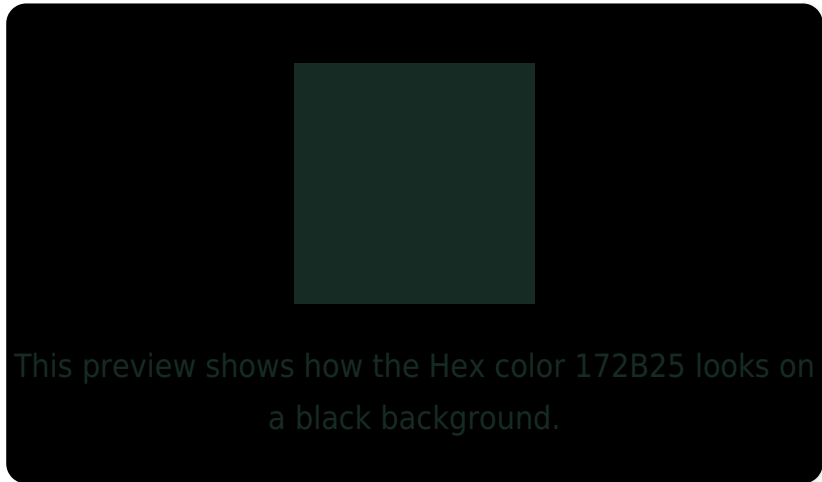
Large Text (above 18pt) WCAG AA ✓ Pass

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

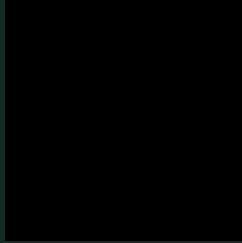
Any Text WCAG AA × Fail

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 172B25 Background



This preview shows how black text looks on a background with the Hex color 172B25.



This preview shows how white text looks on a background with the Hex color 172B25.

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](#).

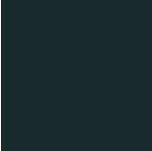
Dichromacy



Original Color
172B25

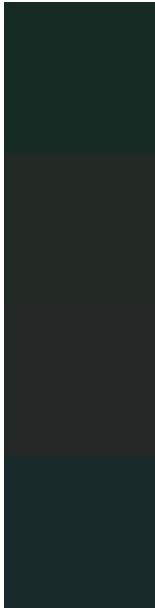
Protanopia
292723

Deuteranopia
2B2626



Tritanopia
192A2D

Trichromacy



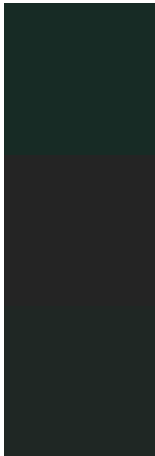
Original Color
172B25

Protanomaly
222824

Deuteranomaly
242826

Tritanomaly
182A2A

Monochromacy



Original Color
172B25

Achromatopsia
242424

Achromatomaly
1F2724

CSS Examples

Text

The CSS property to change the color of the text to Hex 172B25 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 #172B25 looks like.

```
.text, #text, p{  
    color:#172B25  
}
```

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 #172B25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #172B25
}
```

Border

The CSS property to change the border of an element to Hex 172B25 is called "border". The border property can be set on classes, ids or directly on the HTML element.

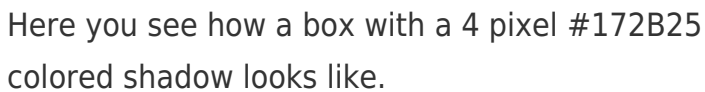
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#172B25 }
```

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

```
.border{ border-color:#172B25 }
```

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



Here you see how a box with a 4 pixel #172B25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #172B25; -webkit-box-shadow:4px 4px  
4px 4px #172B25; box-shadow:4px 4px 4px  
4px #172B25 }
```

Background

The CSS property to change the background color of an element to Hex 172B25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#172B25 }
```

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

```
.background{ background-color:#172B25 }
```

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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