

Converting Colors

Hex(182D30)

Have a look what the booklet for
Hex(182D30) contains.

Hex(182D30)	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(182D30)

Conversions

Conversions Part 1

Format	Color
Hex	182D30
RGB	24, 45, 48
RGB Percent	9%, 18%, 19%
CMY	0.9059, 0.8235, 0.8118
CMYK	0.50, 0.06, 0.00, 0.81
HSL	188°, 33%, 14%
HSV	188°, 50%, 19%
XYZ	1.8486, 2.2844, 3.1398
YIQ	39.0630, -13.4790, -3.5190

Conversions

Conversions Part 2

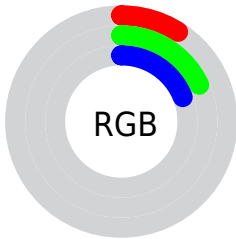
Format	Color
RYB	24, 35, 48
Decimal	1584432
CIELab	16.91, -7.41, -4.58
CIElCh	17, 8.710, 211.743
Yxy	2.2844, 0.2542, 0.3141
Android (android.graphics.Color)	4279774512 (0xFF182D30)
YUV	39.0630, 4.4059, -13.2103
Hunter-Lab	15.1141, -4.6177, -1.7370

Details

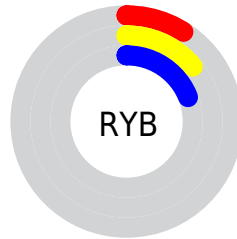
The Hex color **182D30** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **301B18**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **455B5E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **132C30**, and if you desaturate by 10%, it is **1D2E30**.

Distribution



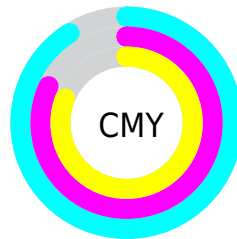
- Red (9%)
- Green (18%)
- Blue (19%)



- Red (9%)
- Yellow (14%)
- Blue (19%)



- Cyan (50%)
- Magenta (6%)
- Yellow (0%)
- Black (81%)



- Cyan (91%)
- Magenta (82%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 182D30 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 182D30 by changing the saturation by 10% instead.

■ 182D30

■ 182D30

FEFFFF

■ 00191B

■ 455B5E

■ 000000

■ 5D7377

■ 768D90

■ 90A7AB

■ AAC2C6

■ C6DEE2

■ E2FBFF

■ 182D30

■ 182D30

■ 132C30

■ 1D2E30

■ 0E2C30

■ 222E30

■ 0A2B30

■ 262F30

■ 052B30

■ 2B2F30

■ 002A30

■ 303030

■ 353130

■ 3A3130

■ 3E3230

■ 433230

Harmonies

Analogous

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



1A2D2A



182D30



1B2C34

Triad

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



182D30



322630



2E291D

Complementary

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



182D30



301B18

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.



33271F



182D30



36252A

Square

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



182D30



2B2834



362623



272B1F

Rectangle

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



182D30



202B36



362623



30291D

Sweetspot

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



182D30



343C3D



18301B



191E1F



9E9E9E



1F1F1F

Same Dimension

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



182D30



18393D



182130



151717



004C57



00BBD6

Inverse Universe

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



30182D



3D1839



302718



171517



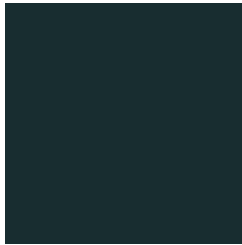
57004C



D600BB

Previews

White Background



This preview shows how the Hex color 182D30 looks on a white background.

Color Contrast Check

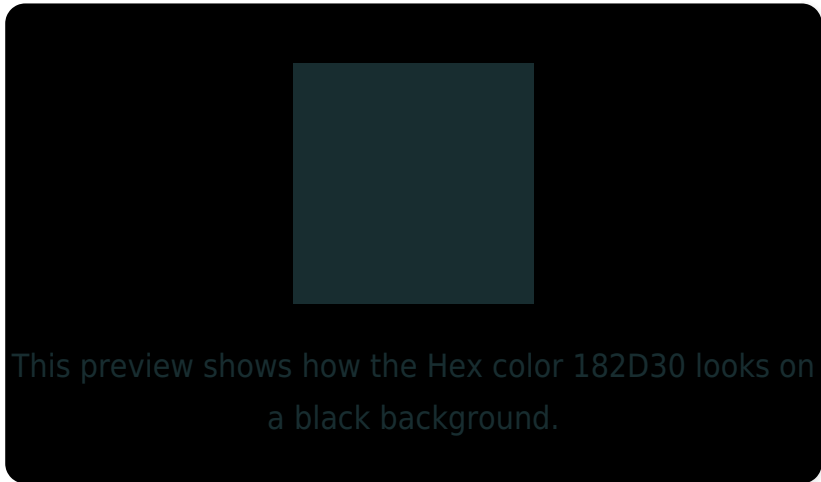
Large Text (above 18pt) WCAG AA ✓ Pass

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

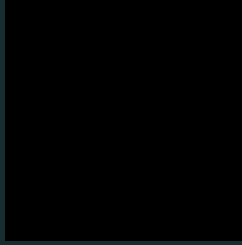
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

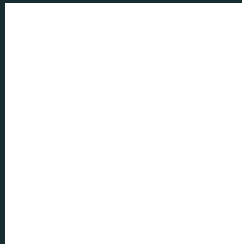
Any Text WCAG AAA × Fail

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

Hex 182D30 Background



This preview shows how black text looks on a background with the Hex color 182D30.

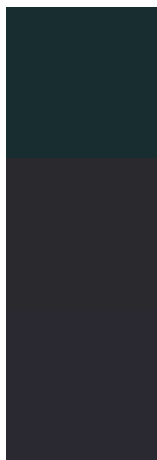


This preview shows how white text looks on a background with the Hex color 182D30.

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
182D30

Protanopia
29292E

Deuteranopia
2A2931



Tritanopia
182D31

Trichromacy



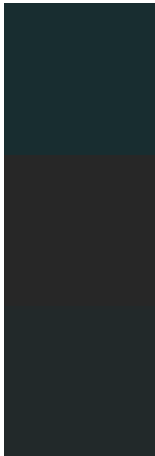
Original Color
182D30

Protanomaly
232A2F

Deuteranomaly
232A31

Tritanomaly
182D31

Monochromacy



Original Color
182D30

Achromatopsia
272727

Achromatomaly
22292A

CSS Examples

Text

The CSS property to change the color of the text to Hex 182D30 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 #182D30 looks like.

```
.text, #text, p{  
    color:#182D30  
}
```

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 #182D30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #182D30
}
```

Border

The CSS property to change the border of an element to Hex 182D30 is called "border". The border property can be set on classes, ids or directly on the HTML element.

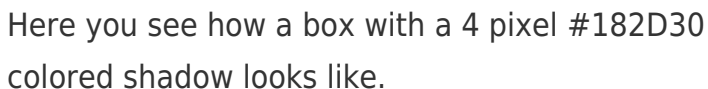
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#182D30 }
```

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

```
.border{ border-color:#182D30 }
```

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



Here you see how a box with a 4 pixel #182D30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #182D30; -webkit-box-shadow:4px 4px  
4px 4px #182D30; box-shadow:4px 4px 4px  
4px #182D30 }
```

Background

The CSS property to change the background color of an element to Hex 182D30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#182D30 }
```

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

```
.background{ background-color:#182D30 }
```

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