

Converting Colors

Hex(182F00)

Have a look what the booklet for
Hex(182F00) contains.

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Color

Hex(182F00)

Conversions

Conversions Part 1

Format	Color
Hex	182F00
RGB	24, 47, 0
RGB Percent	9%, 18%, 0%
CMY	0.9059, 0.8157, 1.0000
CMYK	0.49, 0.00, 1.00, 0.82
HSL	89°, 100%, 9%
HSV	89°, 100%, 18%
XYZ	1.3932, 2.2272, 0.3565
YIQ	34.7650, 1.3790, -19.4930

Conversions

Conversions Part 2

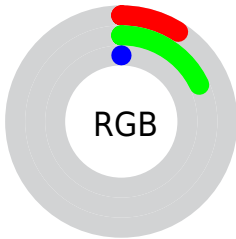
Format	Color
RYB	0, 47, 23
Decimal	1584896
CIELab	16.64, -18.31, 23.59
CIELCh	17, 29.860, 127.824
Yxy	2.2272, 0.3503, 0.5600
Android (android.graphics.Color)	4279774976 (0xFF182F00)
YUV	34.7650, -17.1391, -9.4409
Hunter-Lab	14.9239, -9.4531, 9.0305

Details

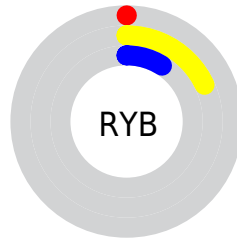
The Hex color **182F00** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **17002F**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **455D2F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **182F00**, and if you desaturate by 10%, it is **1A2F05**.

Distribution



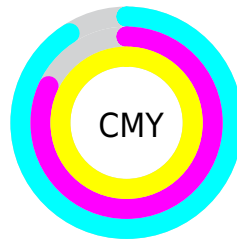
- Red (9%)
- Green (18%)
- Blue (0%)



- Red (0%)
- Yellow (18%)
- Blue (9%)



- Cyan (49%)
- Magenta (0%)
- Yellow (100%)
- Black (82%)



- Cyan (91%)
- Magenta (82%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 182F00 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 182F00 by changing the saturation by 10% instead.

 182F00

 182F00

 FFFFE3

 001C00

 455D2F

 000000

 5D7646

 76905E

 90AA77

 ABC691

 C7E2AC

 E3FEC7

 182F00

■ 1A2F05

■ 1D2F09

■ 1F2F0E

■ 212F13

■ 242F18

■ 262F1C

■ 282F21

■ 2A2F26

■ 2D2F2A

Harmonies

Analogous

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



2F2A00



182F00



003218

Triad

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



182F00



003051



4F1224

Complementary

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



182F00



17002F

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.



47173A



182F00



002A54

Square

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



182F00



003243



31214B



4C1910

Rectangle

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



182F00



003327



31214B



4D132C

Sweetspot

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



182F00



343D2B



2F1700



191F14



9E9E9E



1F1F1F

Same Dimension

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



182F00



1F3D00



012F00



161715



2C5700



6DD600

Inverse Universe

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



17002F



1E003D



2E002F



161517



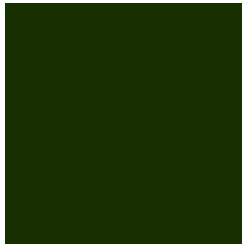
2A0057



6900D6

Previews

White Background



This preview shows how the Hex color 182F00 looks on a white background.

Color Contrast Check

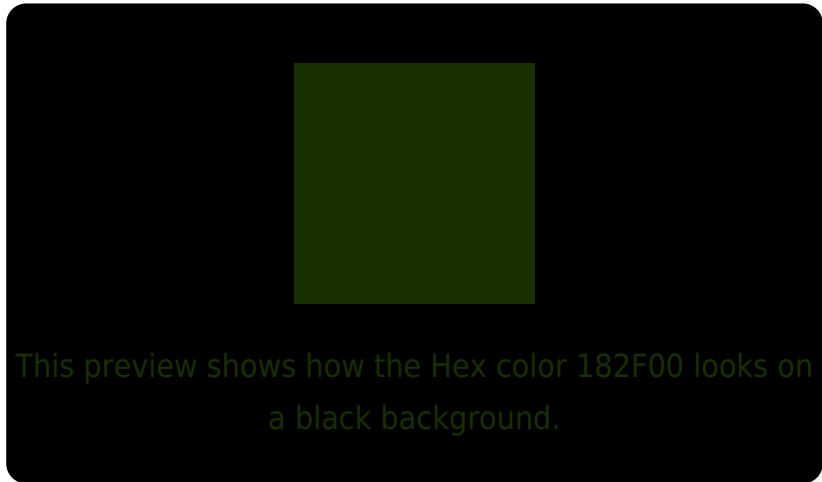
Large Text (above 18pt) WCAG AA ✓ Pass

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

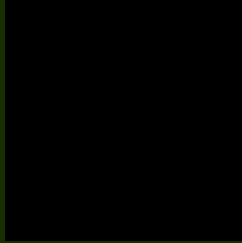
Any Text WCAG AA × Fail

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 182F00 Background



This preview shows how black text looks on a background with the Hex color 182F00.



This preview shows how white text looks on a background with the Hex color 182F00.

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
182F00

Protanopia
2F2A00

Deuteranopia
34270A



Tritanopia
1E2C2F

Trichromacy



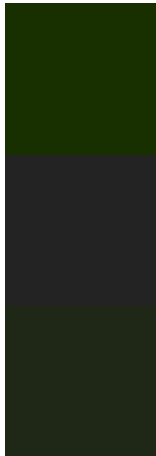
Original Color
182F00

Protanomaly
272C00

Deuteranomaly
2A2A06

Tritanomaly
1C2D1E

Monochromacy



Original Color
182F00

Achromatopsia
232323

Achromatomaly
1F2716

CSS Examples

Text

The CSS property to change the color of the text to Hex 182F00 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 #182F00 looks like.

```
.text, #text, p{  
    color:#182F00  
}
```

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 #182F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #182F00
}
```

Border

The CSS property to change the border of an element to Hex 182F00 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".

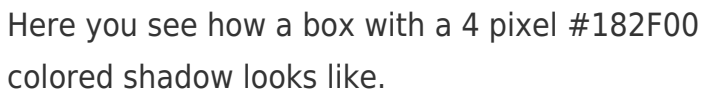
```
.border, #border, table{ border:4px solid
#182F00 }
```

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

```
.border{ border-color:#182F00 }
```

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

Here you see how a box with a 4 pixel #182F00 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin grey border. The shadow is a thick, dark green line that is 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #182F00; -webkit-box-shadow:4px 4px  
4px 4px #182F00; box-shadow:4px 4px 4px  
4px #182F00 }
```

Background

The CSS property to change the background color of an element to Hex 182F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#182F00 }
```

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

```
.background{ background-color:#182F00 }
```

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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