

Converting Colors

Hex(183F30)

Have a look what the booklet for
Hex(183F30) contains.

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Color

Hex(183F30)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 183F30 |
| RGB | 24, 63, 48 |
| RGB Percent | 9%, 25%, 19% |
| CMY | 0.9059, 0.7529, 0.8118 |
| CMYK | 0.62, 0.00, 0.24, 0.75 |
| HSL | 157°, 45%, 17% |
| HSV | 157°, 62%, 25% |
| XYZ | 2.6877, 3.9626, 3.4195 |
| YIQ | 49.6290, -18.4290, -12.9330 |

Conversions

Conversions Part 2

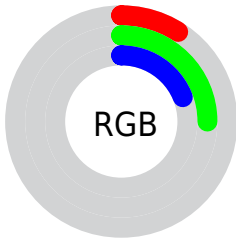
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 24, 48, 63 |
| Decimal | 1589040 |
| CIE Lab | 23.55, -18.13, 5.08 |
| CIE LCh | 24, 18.833, 164.336 |
| Yxy | 3.9626, 0.2669, 0.3935 |
| Android (android.graphics.Color) | 4279779120 (0xFF183F30) |
| YUV | 49.6290, -0.8031, -22.4766 |
| Hunter-Lab | 19.9063, -10.7354, 3.7496 |

Details

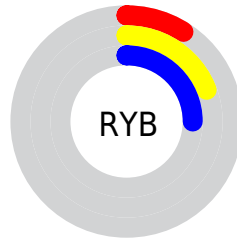
The Hex color **183F30** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3F1827**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **476F5E**, and **001500** is the 20% darker color. If you saturate the color by 10%, you get **123F2E**, and if you desaturate by 10%, it is **1E3F32**.

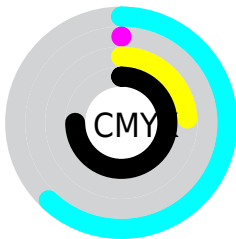
Distribution



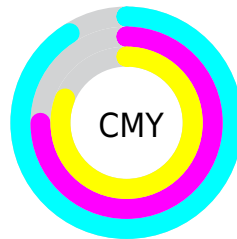
- Red (9%)
- Green (25%)
- Blue (19%)



- Red (9%)
- Yellow (19%)
- Blue (25%)



- Cyan (62%)
- Magenta (0%)
- Yellow (24%)
- Black (75%)



- Cyan (91%)
- Magenta (75%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 183F30 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 183F30 by changing the saturation by 10% instead.

 183F30

 183F30

FFFFFF

 01291B

 476F5E

 001500

 608977

 000000

 79A390

 93BEAB

 AEDAC6

 CAF6E2

 E6FFFF

 183F30

 183F30

■ 123F2E

■ 1E3F32

■ 0B3F2B

■ 253F35

■ 053F29

■ 2B3F37

■ 003F27

■ 313F3A

■ 383F3C

■ 3E3F3F

■ 443F41

■ 4A3F43

■ 513F46

Harmonies

Analogous

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



2B3D23



183F30



00403F

Triad

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



183F30



2E3753



503025

Complementary

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



183F30



3F1827

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.



532D32



183F30



42324C

Square

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



183F30



143C53



4F2E40



47351D

Rectangle

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



183F30



003F48



4F2E40



522F29

Sweetspot

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



183F30



42524C



283F18



1F2925



A8A8A8



292929

Same Dimension

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



183F30



15523A



183B3F



1C1F1D



005E3A



00DE89

Inverse Universe

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



3F1827



52152C



3F1C18



1F1C1D



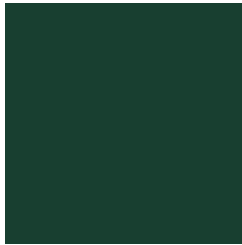
5E0024



DE0055

Previews

White Background



This preview shows how the Hex color 183F30 looks on a white background.

Color Contrast Check

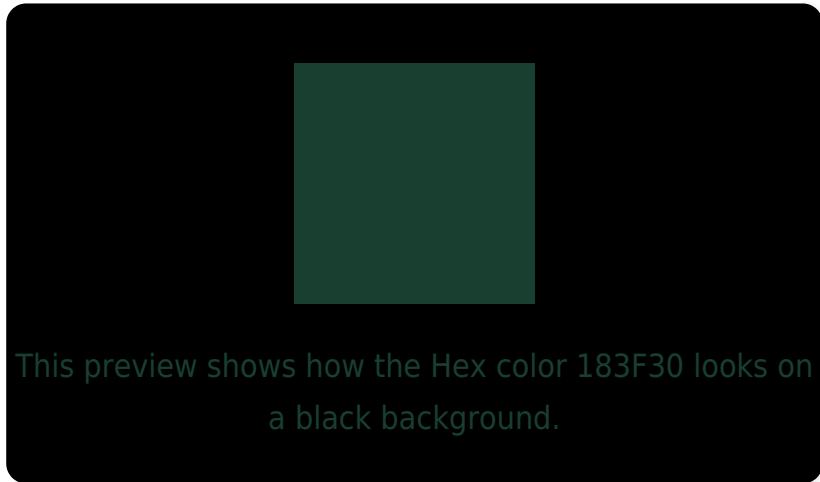
Large Text (above 18pt) WCAG AA ✓ Pass

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

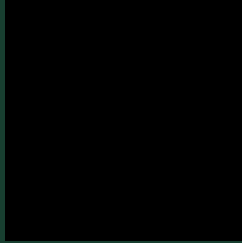
Any Text WCAG AA × Fail

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 183F30 Background



This preview shows how black text looks on a background with the Hex color 183F30.



This preview shows how white text looks on a background with the Hex color 183F30.

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
183F30

Protanopia
3C382D

Deuteranopia
403632



Tritanopia
1E3D42

Trichromacy



Original Color
183F30

Protanomaly
2F3B2E

Deuteranomaly
313931

Tritanomaly
1C3E3B

Monochromacy



Original Color
183F30

Achromatopsia
323232

Achromatomaly
293731

CSS Examples

Text

The CSS property to change the color of the text to Hex 183F30 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 #183F30 looks like.

```
.text, #text, p{  
    color:#183F30  
}
```

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 #183F30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #183F30
}
```

Border

The CSS property to change the border of an element to Hex 183F30 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
#183F30 }
```

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

```
.border{ border-color:#183F30 }
```

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

Here you see how a box with a 4 pixel #183F30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #183F30; -webkit-box-shadow:4px 4px  
4px 4px #183F30; box-shadow:4px 4px 4px  
4px #183F30 }
```

Background

The CSS property to change the background color of an element to Hex 183F30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#183F30 }
```

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

```
.background{ background-color:#183F30 }
```

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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