

# Converting Colors

Hex(183020)

Have a look what the booklet for  
Hex(183020) contains.

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# Color

**Hex(183020)**

# Conversions

## Conversions Part 1

Format	Color
Hex	183020
RGB	24, 48, 32
RGB Percent	9%, 19%, 13%
CMY	0.9059, 0.8118, 0.8745
CMYK	0.50, 0.00, 0.33, 0.81
HSL	140°, 33%, 14%
HSV	140°, 50%, 19%
XYZ	1.6944, 2.4124, 1.7428
YIQ	39.0000, -9.1680, -10.0640

# Conversions

## Conversions Part 2

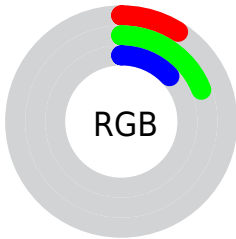
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 42, 48
Decimal	1585184
CIE <sub>Lab</sub>	17.52, -13.86, 7.39
CIE <sub>LCh</sub>	18, 15.703, 151.945
Y <sub>xy</sub>	2.4124, 0.2897, 0.4124
Android (android.graphics.Color)	4279775264 (0xFF183020)
Y <sub>UV</sub>	39.0000, -3.4510, -13.1550
Hunter-Lab	15.5318, -7.7083, 4.2193

# Details

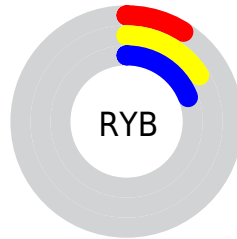
The Hex color **183020** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **301828**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **455E4C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **13301D**, and if you desaturate by 10%, it is **1D3023**.

# Distribution



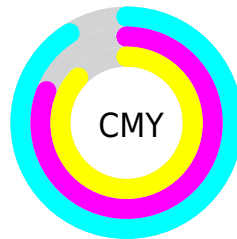
- Red (9%)
- Green (19%)
- Blue (13%)



- Red (9%)
- Yellow (16%)
- Blue (19%)



- Cyan (50%)
- Magenta (0%)
- Yellow (33%)
- Black (81%)



- Cyan (91%)
- Magenta (81%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 183020 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 183020 by changing the saturation by 10% instead.



■ 183020

■ 183020

FEFFFF

■ 001C09

■ 455E4C

■ 000000

■ 5C7764

■ 75917D

■ 8FAB97

■ AAC7B1

■ C5E3CD

■ E1FFE9

■ 183020

■ 183020

■ 13301D

■ 1D3023

■ 0E301A

■ 223026

■ 0A3016

■ 26302A

■ 053013

■ 2B302D

■ 003010

■ 303030

■ 353033

■ 3A3036

■ 3E303A

■ 43303D

# Harmonies

## Analogous

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



262E17



183020



07312B

# Triad

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



183020



1B2C41



402320

# Complementary

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



183020



301828

# 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.



40222B



183020



2D283E

# Square

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



183020



052F3F



3A2436



3B2717

# Rectangle

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



183020



003133



3A2436



412323



# Sweetspot

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



183020



343D37



283018



191F1B



9E9E9E



1F1F1F



# Same Dimension

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



183020



183D25



18302C



151715



00571D



00D647



# Inverse Universe

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



301828



3D1831



30181C



171516



57003A

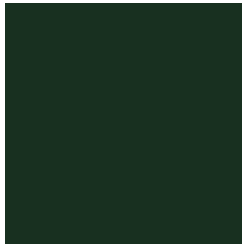


D6008F



# Previews

## White Background



This preview shows how the Hex color 183020 looks on a white background.

## Color Contrast Check

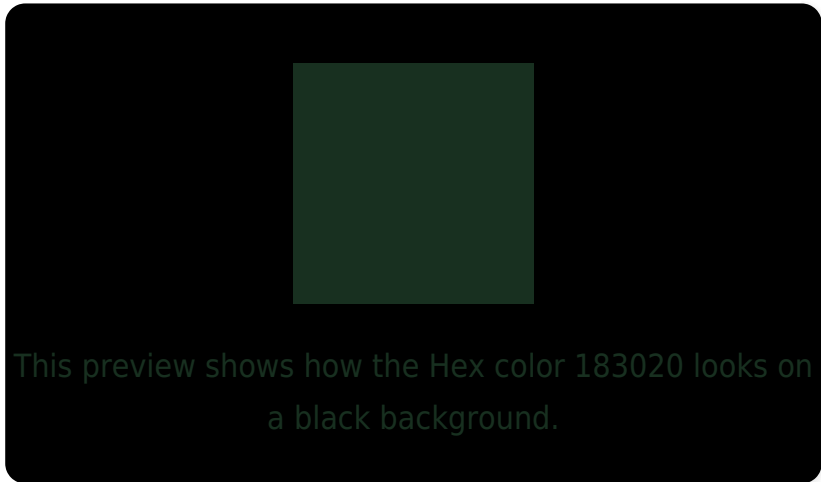
Large Text (above 18pt) WCAG AA ✓ Pass

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

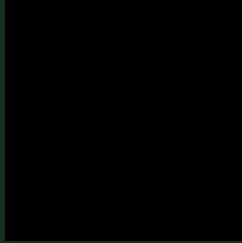
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 183020 Background



This preview shows how black text looks on a background with the Hex color 183020.



This preview shows how white text looks on a background with the Hex color 183020.

# 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



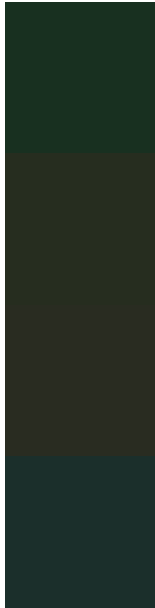
**Original Color**  
183020

**Protanopia**  
2E2B1E

**Deuteranopia**  
322922



# Trichromacy



**Original Color**  
183020

**Protanomaly**  
262D1F

**Deuteranomaly**  
292C21

**Tritanomaly**  
1B2F2B

# Monochromacy



**Original Color**  
183020

**Achromatopsia**  
272727

**Achromatomaly**  
222A24

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 183020 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 #183020 looks like.

```
.text, #text, p{  
    color:#183020  
}
```

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 #183020 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #183020
}
```

## Border

The CSS property to change the border of an element to Hex 183020 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
#183020 }
```

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

```
.border{ border-color:#183020 }
```

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

Here you see how a box with a 4 pixel #183020 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #183020; -webkit-box-shadow:4px 4px  
4px 4px #183020; box-shadow:4px 4px 4px  
4px #183020 }
```

# Background

The CSS property to change the background color of an element to Hex 183020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#183020 }
```

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

```
.background{ background-color:#183020 }
```

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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