

Converting Colors

Hex(183001)

Have a look what the booklet for
Hex(183001) contains.

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Color

Hex(183001)

Conversions

Conversions Part 1

Format	Color
Hex	183001
RGB	24, 48, 1
RGB Percent	9%, 19%, 0%
CMY	0.9059, 0.8118, 0.9961
CMYK	0.50, 0.00, 0.98, 0.81
HSL	91°, 96%, 10%
HSV	91°, 98%, 19%
XYZ	1.4391, 2.3103, 0.3988
YIQ	35.4660, 0.7830, -19.7050

Conversions

Conversions Part 2

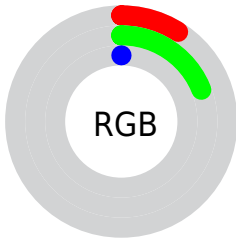
Format	Color
R_{YB}	1, 48, 25
Decimal	1585153
CIE _{Lab}	17.04, -18.71, 23.67
CIE _{LCh}	17, 30.172, 128.321
Yxy	2.3103, 0.3469, 0.5569
Android (android.graphics.Color)	4279775233 (0xFF183001)
YUV	35.4660, -16.9917, -10.0557
Hunter-Lab	15.1996, -9.6987, 9.0841

Details

The Hex color **183001** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **190130**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **455E30**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **173000**, and if you desaturate by 10%, it is **1A3006**.

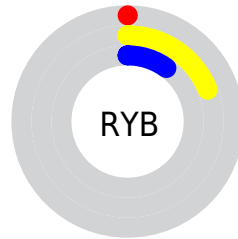
Distribution



Red (9%)

Green (19%)

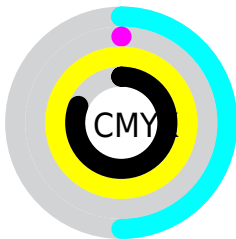
Blue (0%)



Red (0%)

Yellow (19%)

Blue (10%)

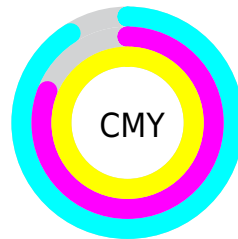


Cyan (50%)

Magenta (0%)

Yellow (98%)

Black (81%)



Cyan (91%)

Magenta (81%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 183001 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 183001 by changing the saturation by 10% instead.

 183001

 183001

 FFFFE4

 001C00

 455E30

 000000

 5D7747

 77915F

 91AC78

 ACC792

 C7E3AC

 E3FFC8

 183001

 183001

■ 173000

■ 1A3006

■ 1D300B

■ 1F300F

■ 223014

■ 243019

■ 27301E

■ 293023

■ 2C3027

■ 2E302C

Harmonies

Analogous

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



302B00



183001



003319

Triad

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



183001



003152



501325

Complementary

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



183001



190130

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.



48173A



183001



002B55

Square

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



183001



003344



32214C



4D1910

Rectangle

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



183001



003428



32214C



4F132C

Sweetspot

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



183001



343D2B



301801



191F14



9E9E9E



1F1F1F

Same Dimension

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



183001



1E3D00



013001



161715



2A5700



69D600

Inverse Universe

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



190130



1F003D



300130



161517



2C0057



6D00D6

Previews

White Background



This preview shows how the Hex color 183001 looks on a white background.

Color Contrast Check

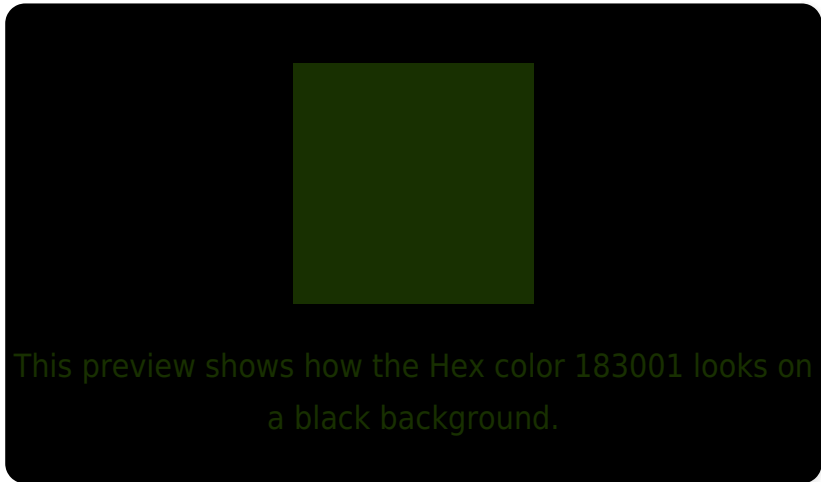
Large Text (above 18pt) WCAG AA ✓ Pass

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

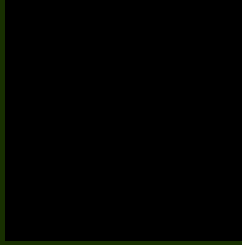
Any Text WCAG AA × Fail

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 183001 Background



This preview shows how black text looks on a background with the Hex color 183001.



This preview shows how white text looks on a background with the Hex color 183001.

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
183001

Protanopia
302A00

Deuteranopia
35280A



Tritanopia
1E2D30

Trichromacy



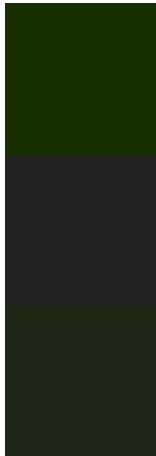
Original Color
183001

Protanomaly
272C00

Deuteranomaly
2A2B07

Tritanomaly
1C2E1F

Monochromacy



Original Color
183001

Achromatopsia
232323

Achromatomaly
1F2817

CSS Examples

Text

The CSS property to change the color of the text to Hex 183001 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 #183001 looks like.

```
.text, #text, p{  
    color:#183001  
}
```

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 #183001 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #183001
}
```

Border

The CSS property to change the border of an element to Hex 183001 is called "border". The border property can be set on classes, ids or directly on the HTML element.

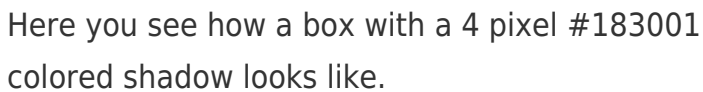
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#183001 }
```

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

```
.border{ border-color:#183001 }
```

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



Here you see how a box with a 4 pixel #183001 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #183001; -webkit-box-shadow:4px 4px  
4px 4px #183001; box-shadow:4px 4px 4px  
4px #183001 }
```

Background

The CSS property to change the background color of an element to Hex 183001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#183001 }
```

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

```
.background{ background-color:#183001 }
```

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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