

Converting Colors

Hex(183E16)

Have a look what the booklet for
Hex(183E16) contains.

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Color

Hex(183E16)

Conversions

Conversions Part 1

Format	Color
Hex	183E16
RGB	24, 62, 22
RGB Percent	9%, 24%, 9%
CMY	0.9059, 0.7569, 0.9137
CMYK	0.61, 0.00, 0.65, 0.76
HSL	117°, 48%, 16%
HSV	117°, 65%, 24%
XYZ	2.2441, 3.6974, 1.3544
YIQ	46.0780, -9.8080, -20.4960

Conversions

Conversions Part 2

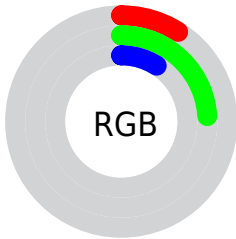
Format	Color
R_{YB}	22, 62, 60
Decimal	1588758
CIE _{Lab}	22.64, -23.13, 20.29
CIE _{LCh}	23, 30.767, 138.746
Yxy	3.6974, 0.3076, 0.5068
Android (android.graphics.Color)	4279778838 (0xFF183E16)
YUV	46.0780, -11.8705, -19.3624
Hunter-Lab	19.2285, -12.8175, 9.2836

Details

The Hex color **183E16** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3C163E**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **486E42**, and **001100** is the 20% darker color. If you saturate the color by 10%, you get **123E10**, and if you desaturate by 10%, it is **1E3E1C**.

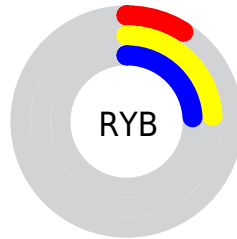
Distribution



Red (9%)

Green (24%)

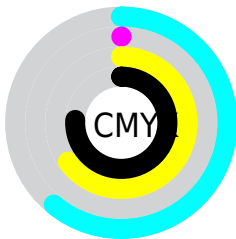
Blue (9%)



Red (9%)

Yellow (24%)

Blue (24%)

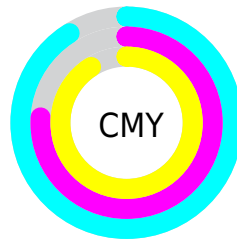


Cyan (61%)

Magenta (0%)

Yellow (65%)

Black (76%)



Cyan (91%)

Magenta (76%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 183E16 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 183E16 by changing the saturation by 10% instead.

 183E16

 183E16

 FFFFFB

 042800

 486E42

 001100

 60885A

 000000

 7AA273

 94BD8C

 AFD9A7

 CBF6C2

 E7FFDE

 183E16

 183E16

■ 123E10

■ 1E3E1C

■ 0C3E0A

■ 243E22

■ 063E03

■ 2A3E29

■ 033E00

■ 303E2F

■ 353E35

■ 3B3E3B

■ 413E41

■ 473E48

■ 4D3E4E

Harmonies

Analogous

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



343905



183E16



00402C

Triad

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



183E16



003B63



5F2129

Complementary

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



183E16



3C163E

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.



5B2140



183E16



263462

Square

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



183E16



003F58



492A55



582914

Rectangle

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



183E16



00413C



492A55



5F2030

Sweetspot

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



183E16



435242



3E3C16



20291F



A8A8A8



292929

Same Dimension

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



183E16



165213



163E28



1C1F1C



055E00



0BDE00

Inverse Universe

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



3C163E



4E1352



3E162C



1E1C1F



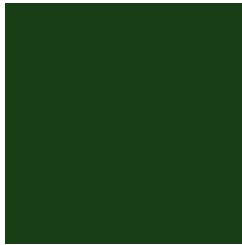
5A005E



D300DE

Previews

White Background



This preview shows how the Hex color 183E16 looks on a white background.

Color Contrast Check

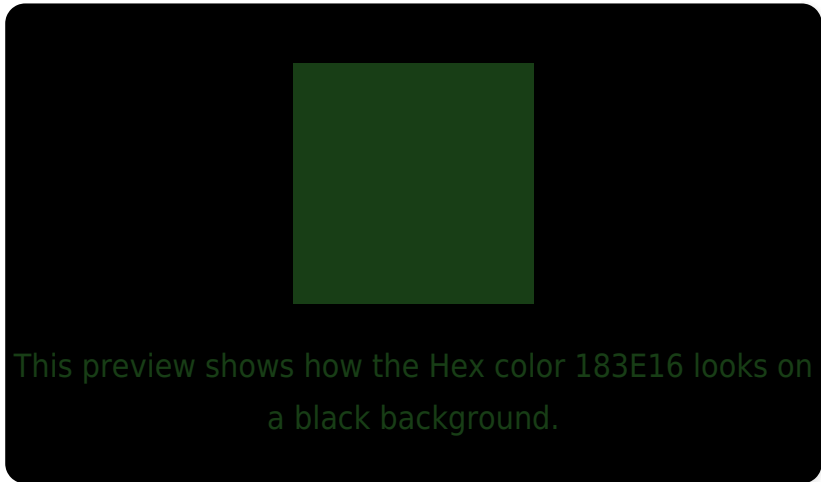
Large Text (above 18pt) WCAG AA ✓ Pass

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

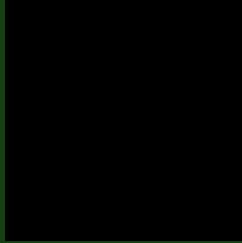
Any Text WCAG AA × Fail

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 183E16 Background



This preview shows how black text looks on a background with the Hex color 183E16.



This preview shows how white text looks on a background with the Hex color 183E16.

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
183E16

Protanopia
3C3614

Deuteranopia
433319



Tritanopia
223A3F

Trichromacy



Original Color
183E16

Protanomaly
2F3915

Deuteranomaly
333718

Tritanomaly
1E3B30

Monochromacy



Original Color
183E16

Achromatopsia
2E2E2E

Achromatomaly
263425

CSS Examples

Text

The CSS property to change the color of the text to Hex 183E16 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 #183E16 looks like.

```
.text, #text, p{  
    color:#183E16  
}
```

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 #183E16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #183E16
}
```

Border

The CSS property to change the border of an element to Hex 183E16 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
#183E16 }
```

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

```
.border{ border-color:#183E16 }
```

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

Here you see how a box with a 4 pixel #183E16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #183E16; -webkit-box-shadow:4px 4px  
4px 4px #183E16; box-shadow:4px 4px 4px  
4px #183E16 }
```

Background

The CSS property to change the background color of an element to Hex 183E16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#183E16 }
```

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

```
.background{ background-color:#183E16 }
```

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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