

Converting Colors

Hex(183C08)

Have a look what the booklet for
Hex(183C08) contains.

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Color

Hex(183C08)

Conversions

Conversions Part 1

Format	Color
Hex	183C08
RGB	24, 60, 8
RGB Percent	9%, 24%, 3%
CMY	0.9059, 0.7647, 0.9686
CMYK	0.60, 0.00, 0.87, 0.76
HSL	102°, 76%, 13%
HSV	102°, 87%, 24%
XYZ	2.0364, 3.4434, 0.7871
YIQ	43.3080, -4.7640, -23.8040

Conversions

Conversions Part 2

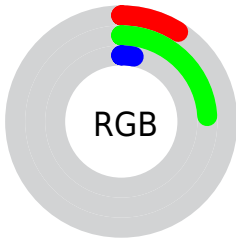
Format	Color
R_{YB}	8, 60, 44
Decimal	1588232
CIE _{Lab}	21.74, -23.80, 26.22
CIE _{LCh}	22, 35.411, 132.223
Yxy	3.4434, 0.3249, 0.5495
Android (android.graphics.Color)	4279778312 (0xFF183C08)
YUV	43.3080, -17.4068, -16.9331
Hunter-Lab	18.5565, -12.8854, 10.4748

Details

The Hex color **183C08** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2C083C**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **486C36**, and **000C00** is the 20% darker color. If you saturate the color by 10%, you get **143C02**, and if you desaturate by 10%, it is **1C3C0E**.

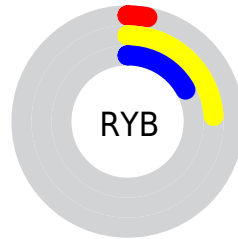
Distribution



Red (9%)

Green (24%)

Blue (3%)



Red (3%)

Yellow (24%)

Blue (17%)

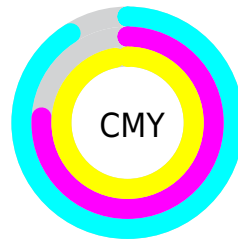


Cyan (60%)

Magenta (0%)

Yellow (87%)

Black (76%)



Cyan (91%)

Magenta (76%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 183C08 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 183C08 by changing the saturation by 10% instead.

 183C08

 183C08

 FFFFEC

 012600

 486C36

 000C00

 61854D

 000000

 7AA066

 95BB7F

 B0D699

 CBF3B4

 E8FFD0

 183C08

 183C08

■ 143C02

■ 1C3C0E

■ 123C00

■ 203C14

■ 243C1A

■ 293C20

■ 2D3C26

■ 313C2C

■ 353C32

■ 393C38

■ 3D3C3E

Harmonies

Analogous

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



373600



183C08



003F23

Triad

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



183C08



003B66



62182B

Complementary

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



183C08



2C083C

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.



5B1B45



183C08



043468

Square

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



183C08



003F57



42285B



5D2112

Rectangle

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



183C08



004035



42285B



621733

Sweetspot

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



183C08



414F3A



3C2C08



20291C



A8A8A8



292929

Same Dimension

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



183C08



184F00



083C12



1C1F1C



1D5E00



44DE00

Inverse Universe

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



2C083C



37004F



3C0832



1E1C1F



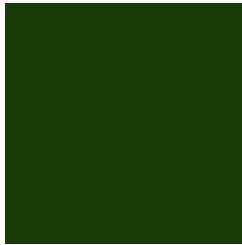
41005E



9A00DE

Previews

White Background



This preview shows how the Hex color 183C08 looks on a white background.

Color Contrast Check

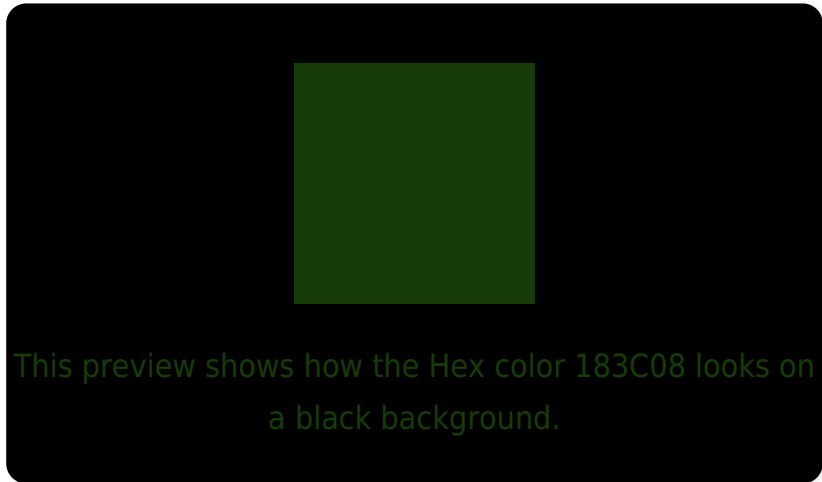
Large Text (above 18pt) WCAG AA ✓ Pass

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

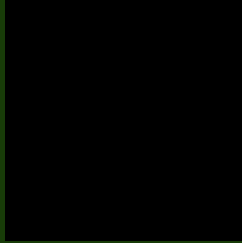
Any Text WCAG AA × Fail

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 183C08 Background



This preview shows how black text looks on a background with the Hex color 183C08.



This preview shows how white text looks on a background with the Hex color 183C08.

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
183C08

Protanopia
3B3405

Deuteranopia
42320F

Trichromacy



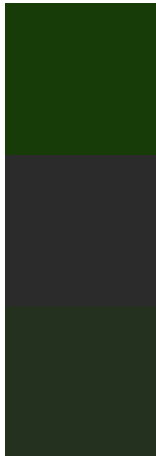
Original Color
183C08

Protanomaly
2E3706

Deuteranomaly
33360C

Tritanomaly
1E3929

Monochromacy



Original Color
183C08

Achromatopsia
2B2B2B

Achromatomaly
24311E

CSS Examples

Text

The CSS property to change the color of the text to Hex 183C08 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 #183C08 looks like.

```
.text, #text, p{  
    color:#183C08  
}
```

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 #183C08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #183C08
}
```

Border

The CSS property to change the border of an element to Hex 183C08 is called "border". The border property can be set on classes, ids or directly on the HTML element.

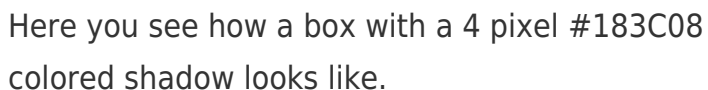
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#183C08 }
```

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

```
.border{ border-color:#183C08 }
```

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



Here you see how a box with a 4 pixel #183C08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #183C08; -webkit-box-shadow:4px 4px  
4px 4px #183C08; box-shadow:4px 4px 4px  
4px #183C08 }
```

Background

The CSS property to change the background color of an element to Hex 183C08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#183C08 }
```

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

```
.background{ background-color:#183C08 }
```

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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