

Converting Colors

Hex(153C1B)

Have a look what the booklet for
Hex(153C1B) contains.

| | |
|--|----|
| Hex(153C1B) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(153C1B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 153C1B |
| RGB | 21, 60, 27 |
| RGB Percent | 8%, 24%, 11% |
| CMY | 0.9176, 0.7647, 0.8941 |
| CMYK | 0.65, 0.00, 0.55, 0.76 |
| HSL | 129°, 48%, 16% |
| HSV | 129°, 65%, 24% |
| XYZ | 2.1229, 3.4703, 1.5948 |
| YIQ | 44.5770, -12.6510, -18.5310 |

Conversions

Conversions Part 2

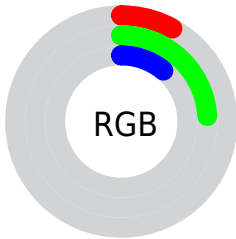
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 21, 55, 60 |
| Decimal | 1391643 |
| CIE Lab | 21.84, -22.28, 16.30 |
| CIE LCh | 22, 27.605, 143.807 |
| Yxy | 3.4703, 0.2953, 0.4828 |
| Android (android.graphics.Color) | 4279581723 (0xFF153C1B) |
| YUV | 44.5770, -8.6655, -20.6770 |
| Hunter-Lab | 18.6287, -12.2581, 7.9641 |

Details

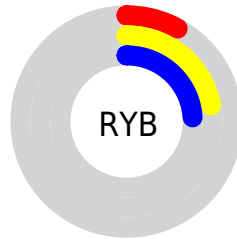
The Hex color **153C1B** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3C1536**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **446C47**, and **000C00** is the 20% darker color. If you saturate the color by 10%, you get **0F3C16**, and if you desaturate by 10%, it is **1B3C20**.

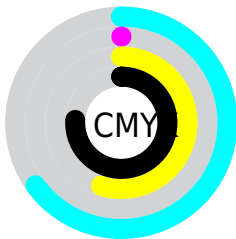
Distribution



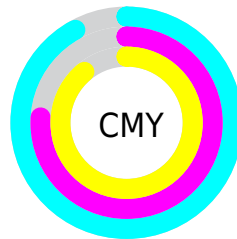
- Red (8%)
- Green (24%)
- Blue (11%)



- Red (8%)
- Yellow (22%)
- Blue (24%)



- Cyan (65%)
- Magenta (0%)
- Yellow (55%)
- Black (76%)



- Cyan (92%)
- Magenta (76%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 153C1B 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 153C1B by changing the saturation by 10% instead.



153C1B



153C1B

FFFFFF



002602



446C47



000C00



5D855F



000000



76A078



90BB92



ABD6AC



C7F3C8



E3FFE4



153C1B



153C1B

■ 0F3C16

■ 1B3C20

■ 093C11

■ 213C25

■ 033C0C

■ 273C2A

■ 003C09

■ 2D3C2F

■ 333C34

■ 393C39

■ 3F3C3F

■ 453C44

■ 4B3C49

Harmonies

Analogous

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



2F380C



153C1B



003E2F

Triad

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



153C1B



00385D



592325

Complementary

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



153C1B



3C1536

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.



572239



153C1B



2D315A

Square

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



153C1B



003C55



49284D



522A14

Rectangle

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



153C1B



003E3D



49284D



5A222C

Sweetspot

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



153C1B



3F4F42



363C15



1F2921



A8A8A8



292929

Same Dimension

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



153C1B



114F1B



153C2E



1C1F1C



005E0F



00DE22

Inverse Universe

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



3C1536



4F1146



3C1523



1F1C1E



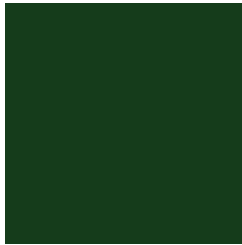
5E0050



DE00BC

Previews

White Background



This preview shows how the Hex color 153C1B looks on a white background.

Color Contrast Check

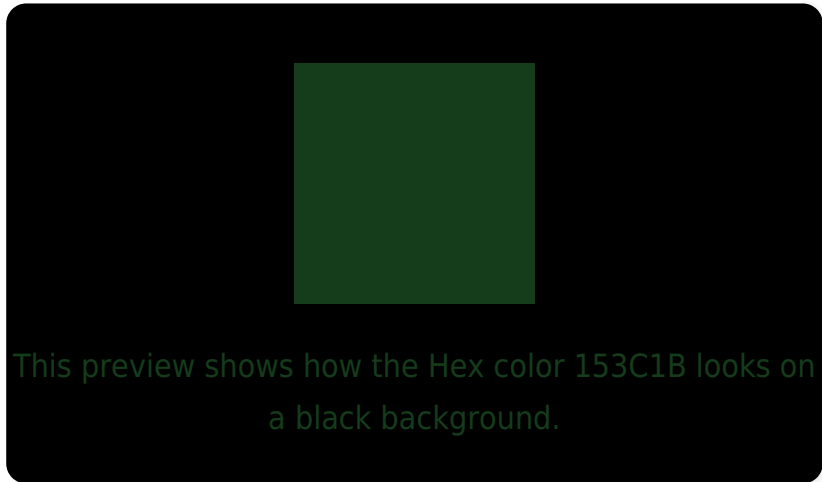
Large Text (above 18pt) WCAG AA ✓ Pass

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

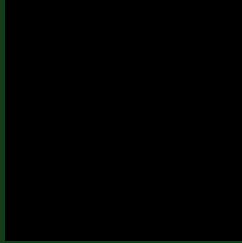
Any Text WCAG AA × Fail

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 153C1B Background



This preview shows how black text looks on a background with the Hex color 153C1B.



This preview shows how white text looks on a background with the Hex color 153C1B.

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](#).

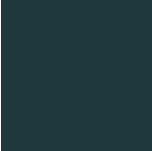
Dichromacy



Original Color
153C1B

Protanopia
3A3419

Deuteranopia
40321E



Tritanopia
1F383D

Trichromacy



Original Color
153C1B

Protanomaly
2D371A

Deuteranomaly
30361D

Tritanomaly
1B3931

Monochromacy



Original Color
153C1B

Achromatopsia
2D2D2D

Achromatomaly
243226

CSS Examples

Text

The CSS property to change the color of the text to Hex 153C1B 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 #153C1B looks like.

```
.text, #text, p{  
    color:#153C1B  
}
```

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 #153C1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #153C1B
}
```

Border

The CSS property to change the border of an element to Hex 153C1B 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
#153C1B }
```

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

```
.border{ border-color:#153C1B }
```

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

Here you see how a box with a 4 pixel #153C1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #153C1B; -webkit-box-shadow:4px 4px  
4px 4px #153C1B; box-shadow:4px 4px 4px  
4px #153C1B }
```

Background

The CSS property to change the background color of an element to Hex 153C1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#153C1B }
```

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

```
.background{ background-color:#153C1B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor