

Converting Colors

Hex(153B31)

Have a look what the booklet for
Hex(153B31) contains.

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Color

Hex(153B31)

Conversions

Conversions Part 1

Format	Color
Hex	153B31
RGB	21, 59, 49
RGB Percent	8%, 23%, 19%
CMY	0.9176, 0.7686, 0.8078
CMYK	0.64, 0.00, 0.17, 0.77
HSL	164°, 48%, 16%
HSV	164°, 64%, 23%
XYZ	2.4276, 3.5091, 3.4551
YIQ	46.4980, -19.4380, -11.1660

Conversions

Conversions Part 2

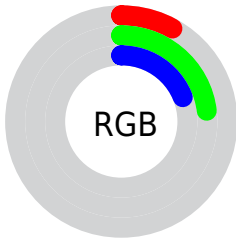
Format	Color
RYB	21, 43, 59
Decimal	1391409
CIELab	21.98, -16.45, 2.16
CIELCh	22, 16.588, 172.520
Yxy	3.5091, 0.2585, 0.3736
Android (android.graphics.Color)	4279581489 (0xFF153B31)
YUV	46.4980, 1.2335, -22.3617
Hunter-Lab	18.7326, -9.6499, 2.1772

Details

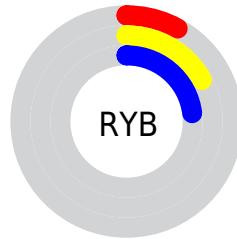
The Hex color **153B31** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3B151F**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **446B5F**, and **000D02** is the 20% darker color. If you saturate the color by 10%, you get **0F3B2F**, and if you desaturate by 10%, it is **1B3B33**.

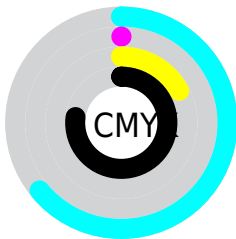
Distribution



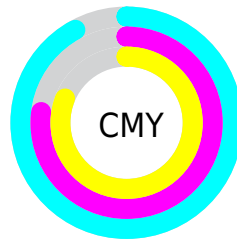
- Red (8%)
- Green (23%)
- Blue (19%)



- Red (8%)
- Yellow (17%)
- Blue (23%)



- Cyan (64%)
- Magenta (0%)
- Yellow (17%)
- Black (77%)



- Cyan (92%)
- Magenta (77%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 153B31 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 153B31 by changing the saturation by 10% instead.

■ 153B31

■ 153B31

FFFFFF

■ 00251C

■ 446B5F

■ 000D02

■ 5D8478

■ 000000

■ 769E91

■ 90B9AC

■ ABD5C7

■ C6F1E3

■ E3FFFF

■ 153B31

■ 153B31

■ 0F3B2F

■ 1B3B33

■ 093B2E

■ 213B34

■ 033B2C

■ 273B36

■ 003B2B

■ 2D3B37

■ 323B39

■ 383B3A

■ 3E3B3C

■ 443B3D

■ 4A3B3F

Harmonies

Analogous

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



253A25



153B31



053B3E

Triad

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



153B31



32334B



482F22

Complementary

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



153B31



3B151F

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.



4D2C2C



153B31



412E44

Square

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



153B31



1D374D



4A2B38



3F331C

Rectangle

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



153B31



043A45



4A2B38



4A2D25

Sweetspot

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



153B31



3E4D49



1F3B15



1D2624



A6A6A6



262626

Same Dimension

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



153B31



124D3D



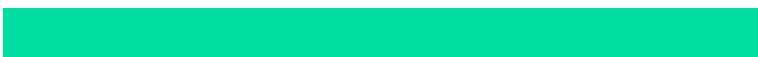
15323B



1C1F1E



005E46



00DEA3

Inverse Universe

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



3B151F



4D1221



3B1E15



1F1C1C



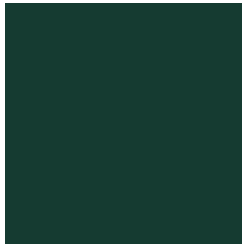
5E0019



DE003A

Previews

White Background



This preview shows how the Hex color 153B31 looks on a white background.

Color Contrast Check

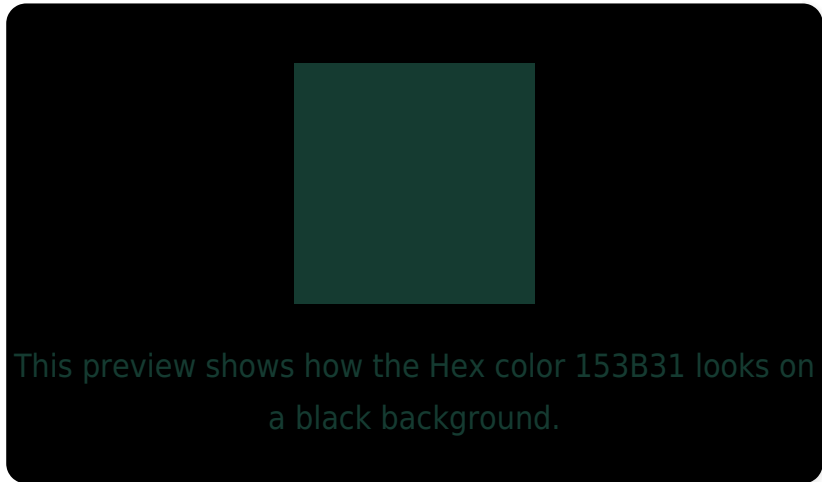
Large Text (above 18pt) WCAG AA ✓ Pass

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

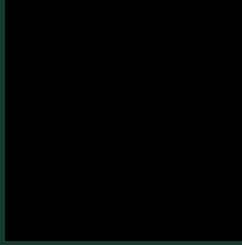
Any Text WCAG AA × Fail

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 153B31 Background



This preview shows how black text looks on a background with the Hex color 153B31.



This preview shows how white text looks on a background with the Hex color 153B31.

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](#).

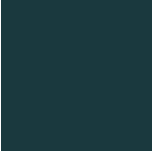
Dichromacy



Original Color
153B31

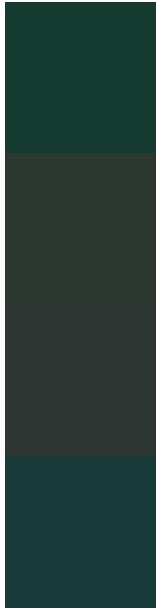
Protanopia
37342E

Deuteranopia
3A3333



Tritanopia
1A393E

Trichromacy



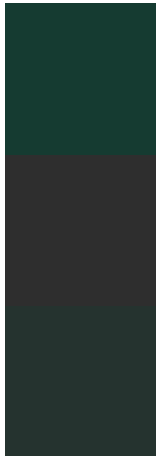
Original Color
153B31

Protanomaly
2B372F

Deuteranomaly
2D3632

Tritanomaly
183A39

Monochromacy



Original Color
153B31

Achromatopsia
2E2E2E

Achromatomaly
25332F

CSS Examples

Text

The CSS property to change the color of the text to Hex 153B31 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 #153B31 looks like.

```
.text, #text, p{  
    color:#153B31  
}
```

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 #153B31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #153B31
}
```

Border

The CSS property to change the border of an element to Hex 153B31 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
#153B31 }
```

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

```
.border{ border-color:#153B31 }
```

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

Here you see how a box with a 4 pixel #153B31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #153B31; -webkit-box-shadow:4px 4px  
4px 4px #153B31; box-shadow:4px 4px 4px  
4px #153B31 }
```

Background

The CSS property to change the background color of an element to Hex 153B31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#153B31 }
```

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

```
.background{ background-color:#153B31 }
```

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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