

Converting Colors

Hex(153931)

Have a look what the booklet for
Hex(153931) contains.

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Color

Hex(153931)

Conversions

Conversions Part 1

Format	Color
Hex	153931
RGB	21, 57, 49
RGB Percent	8%, 22%, 19%
CMY	0.9176, 0.7765, 0.8078
CMYK	0.63, 0.00, 0.14, 0.78
HSL	167°, 46%, 15%
HSV	167°, 63%, 22%
XYZ	2.3268, 3.3074, 3.4215
YIQ	45.3240, -18.8880, -10.1200

Conversions

Conversions Part 2

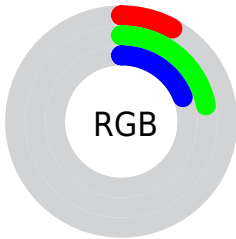
Format	Color
RYB	21, 41, 57
Decimal	1390897
CIELab	21.24, -15.32, 1.09
CIElCh	21, 15.355, 175.943
Yxy	3.3074, 0.2569, 0.3652
Android (android.graphics.Color)	4279580977 (0xFF153931)
YUV	45.3240, 1.8123, -21.3321
Hunter-Lab	18.1864, -8.9888, 1.5759

Details

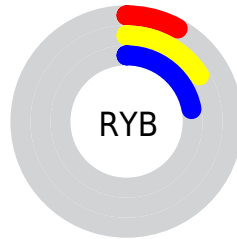
The Hex color **153931** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **39151D**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **44685F**, and **000902** is the 20% darker color. If you saturate the color by 10%, you get **0F3930**, and if you desaturate by 10%, it is **1B3932**.

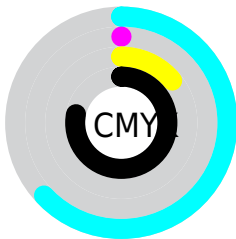
Distribution



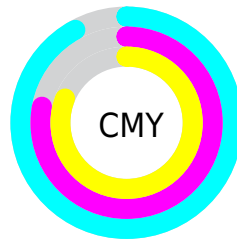
- Red (8%)
- Green (22%)
- Blue (19%)



- Red (8%)
- Yellow (16%)
- Blue (22%)



- Cyan (63%)
- Magenta (0%)
- Yellow (14%)
- Black (78%)



- Cyan (92%)
- Magenta (78%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 153931 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 153931 by changing the saturation by 10% instead.



153931



153931

FFFFFF



00231C



44685F



000902



5C8278



000000



759C91



8FB7AC



AAD2C7



C6EFE3



E2FFFF



153931



153931

■ 0F3930

■ 1B3932

■ 0A392E

■ 203934

■ 04392D

■ 263935

■ 00392C

■ 2C3936

■ 323937

■ 373939

■ 3D393A

■ 43393B

■ 48393C

Harmonies

Analogous

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



233826



153931



09393C

Triad

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



153931



323147



452E21

Complementary

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



153931



39151D

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.



492B2A



153931



402D40

Square

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



153931



213549



482A35



3C321C

Rectangle

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



153931



0A3843



482A35



472D23

Sweetspot

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



153931



3C4A47



1D3915



1D2624



A6A6A6



262626

Same Dimension

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



153931



124A3D



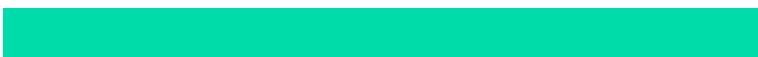
152F39



191C1B



005C47



00DBAB

Inverse Universe

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



39151D



4A121E



391F15



1C191A



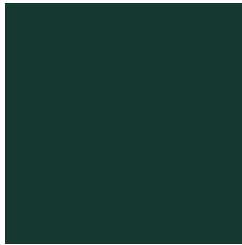
5C0014



DB0031

Previews

White Background



This preview shows how the Hex color 153931 looks on a white background.

Color Contrast Check

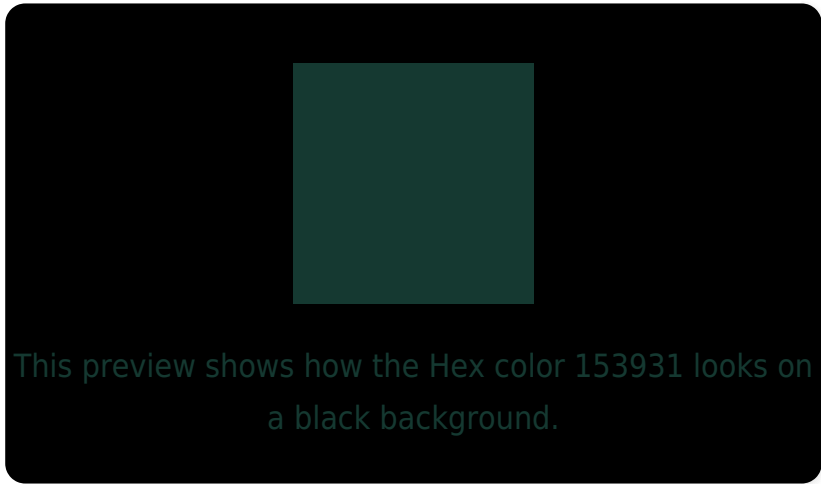
Large Text (above 18pt) WCAG AA ✓ Pass

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

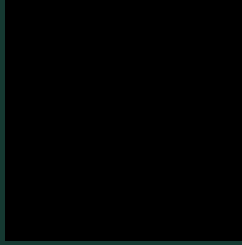
Any Text WCAG AA × Fail

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 153931 Background



This preview shows how black text looks on a background with the Hex color 153931.



This preview shows how white text looks on a background with the Hex color 153931.

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
153931

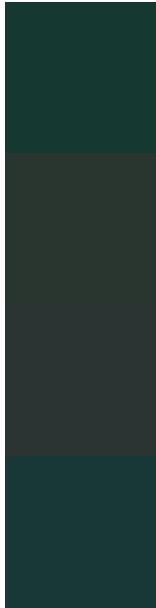
Protanopia
35332E

Deuteranopia
383133



Tritanopia
19373C

Trichromacy



Original Color
153931

Protanomaly
29352F

Deuteranomaly
2B3432

Tritanomaly
183838

Monochromacy



Original Color
153931

Achromatopsia
2D2D2D

Achromatomaly
24312E

CSS Examples

Text

The CSS property to change the color of the text to Hex 153931 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 #153931 looks like.

```
.text, #text, p{  
    color:#153931  
}
```

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 #153931 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #153931
}
```

Border

The CSS property to change the border of an element to Hex 153931 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
#153931 }
```

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

```
.border{ border-color:#153931 }
```

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

Here you see how a box with a 4 pixel #153931 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #153931; -webkit-box-shadow:4px 4px  
4px 4px #153931; box-shadow:4px 4px 4px  
4px #153931 }
```

Background

The CSS property to change the background color of an element to Hex 153931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#153931 }
```

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

```
.background{ background-color:#153931 }
```

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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