

Converting Colors

Hex(151D00)

Have a look what the booklet for
Hex(151D00) contains.

Hex(151D00)	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(151D00)

Conversions

Conversions Part 1

Format	Color
Hex	151D00
RGB	21, 29, 0
RGB Percent	8%, 11%, 0%
CMY	0.9176, 0.8863, 1.0000
CMYK	0.28, 0.00, 1.00, 0.89
HSL	77°, 100%, 6%
HSV	77°, 100%, 11%
XYZ	0.7486, 1.0382, 0.1609
YIQ	23.3020, 4.5410, -10.7150

Conversions

Conversions Part 2

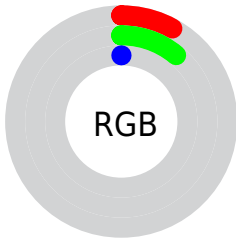
Format	Color
RYB	0, 29, 8
Decimal	1383680
CIELab	9.31, -9.44, 13.74
CIELCh	9, 16.673, 124.495
Yxy	1.0382, 0.3844, 0.5330
Android (android.graphics.Color)	4279573760 (0xFF151D00)
YUV	23.3020, -11.4879, -2.0189
Hunter-Lab	10.1890, -4.7157, 6.1959

Details

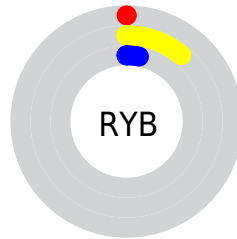
The Hex color **151D00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **08001D**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **3E492F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **151D00**, and if you desaturate by 10%, it is **161D03**.

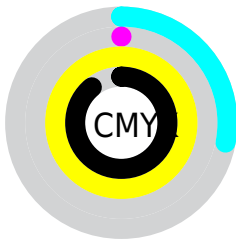
Distribution



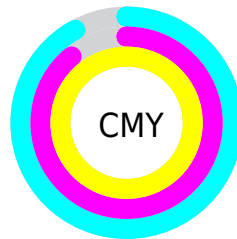
- Red (8%)
- Green (11%)
- Blue (0%)



- Red (0%)
- Yellow (11%)
- Blue (3%)



- Cyan (28%)
- Magenta (0%)
- Yellow (100%)
- Black (89%)




- Cyan (92%)
- Magenta (89%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 151D00 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 151D00 by changing the saturation by 10% instead.

 151D00

 151D00

 F5FFE2

 000000

 3E492F

 566046

 6E795E

 889376

 A2AE90

 BDC9AB

 D9E5C6

 151D00

■ 161D03

■ 171D06

■ 171D09

■ 181D0C

■ 191D0F

■ 1A1D11

■ 1B1D14

■ 1B1D17

■ 1C1D1A

Harmonies

Analogous

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



211A00



151D00



031F0F

Triad

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



151D00



001E2E



2E1019

Complementary

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



151D00



08001D

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.



291224



151D00



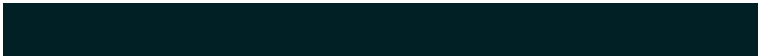
081B30

Square

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



151D00



002026



1D162D



2E120C

Rectangle

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



151D00



002018



1D162D



2D101D

Sweetspot

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



151D00



23261B



1D0800



12140D



949494



141414

Same Dimension

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



151D00



1C2600



071D00



0F0F0E



394F00



96CF00

Inverse Universe

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



08001D



0B0026



16001D



0E0E0F



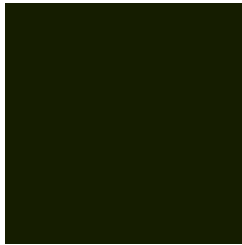
16004F



3900CF

Previews

White Background



This preview shows how the Hex color 151D00 looks on a white background.

Color Contrast Check

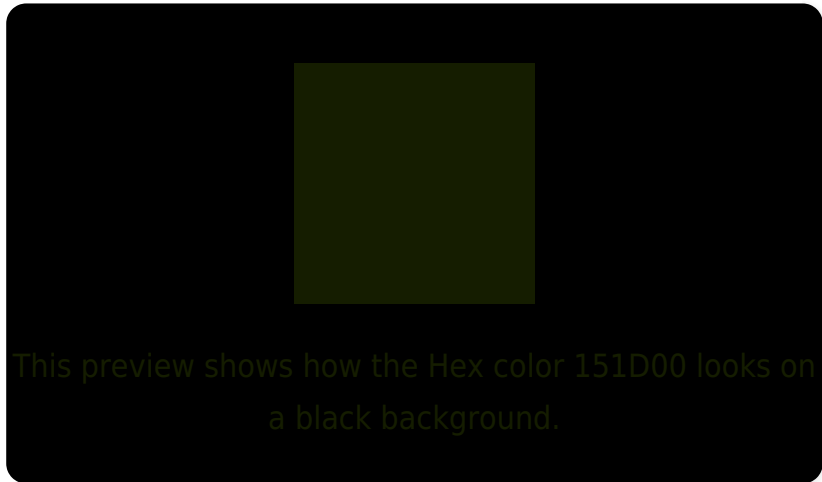
Large Text (above 18pt) WCAG AA ✓ Pass

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

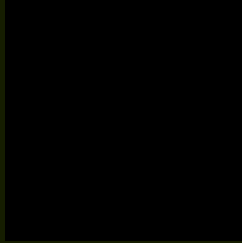
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

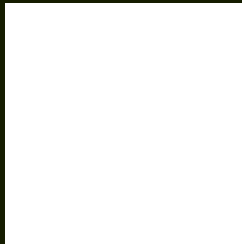
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 151D00 Background



This preview shows how black text looks on a background with the Hex color 151D00.

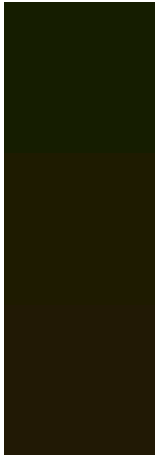


This preview shows how white text looks on a background with the Hex color 151D00.

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
151D00

Protanopia
1E1B00

Deuteranopia
211905



Tritanopia
181B1D

Trichromacy



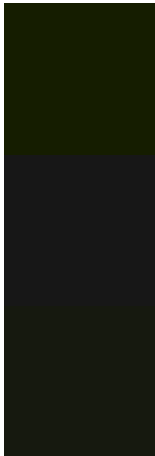
Original Color
151D00

Protanomaly
1B1C00

Deuteranomaly
1D1A03

Tritanomaly
171C12

Monochromacy



Original Color
151D00

Achromatopsia
171717

Achromatomaly
16190F

CSS Examples

Text

The CSS property to change the color of the text to Hex 151D00 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 #151D00 looks like.

```
.text, #text, p{  
    color:#151D00  
}
```

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 #151D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #151D00
}
```

Border

The CSS property to change the border of an element to Hex 151D00 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".

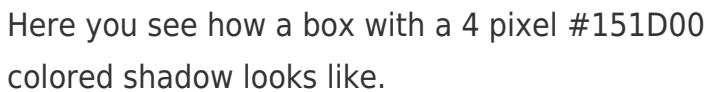
```
.border, #border, table{ border:4px solid
#151D00 }
```

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

```
.border{ border-color:#151D00 }
```

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

Here you see how a box with a 4 pixel #151D00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #151D00; -webkit-box-shadow:4px 4px  
4px 4px #151D00; box-shadow:4px 4px 4px  
4px #151D00 }
```

Background

The CSS property to change the background color of an element to Hex 151D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#151D00 }
```

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

```
.background{ background-color:#151D00 }
```

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