

Converting Colors

Hex(151700)

Have a look what the booklet for
Hex(151700) contains.

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Color

Hex(151700)

Conversions

Conversions Part 1

Format	Color
Hex	151700
RGB	21, 23, 0
RGB Percent	8%, 9%, 0%
CMY	0.9176, 0.9098, 1.0000
CMYK	0.09, 0.00, 1.00, 0.91
HSL	65°, 100%, 5%
HSV	65°, 100%, 9%
XYZ	0.6157, 0.7722, 0.1166
YIQ	19.7800, 6.1910, -7.5770

Conversions

Conversions Part 2

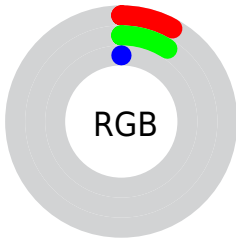
Format	Color
R_{YB}	0, 23, 2
Decimal	1382144
CIE _{Lab}	6.98, -4.85, 10.36
CIE _{LCh}	7, 11.437, 115.074
Yxy	0.7722, 0.4092, 0.5133
Android (android.graphics.Color)	4279572224 (0xFF151700)
YUV	19.7800, -9.7515, 1.0699
Hunter-Lab	8.7876, -2.8727, 5.3646

Details

The Hex color **151700** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **020017**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **3E4130**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **151700**, and if you desaturate by 10%, it is **151702**.

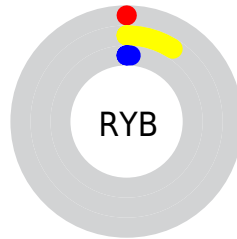
Distribution



Red (8%)

Green (9%)

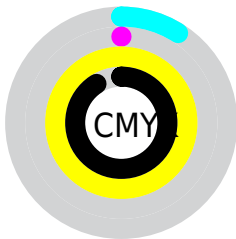
Blue (0%)



Red (0%)

Yellow (9%)

Blue (1%)

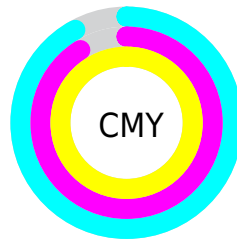


Cyan (9%)

Magenta (0%)

Yellow (100%)

Black (91%)



Cyan (92%)

Magenta (91%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 151700 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 151700 by changing the saturation by 10% instead.

 151700

 151700

 F5F8E2

 000000

 3E4130

 565946


 6E715E

 888B77

 A2A590

 BDC0AB

 D9DCC6

 151700

■ 151702

■ 151705

■ 161707

■ 161709

■ 16170C

■ 16170E

■ 161710

■ 171712

■ 171715

Harmonies

Analogous

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



1D1400



151700



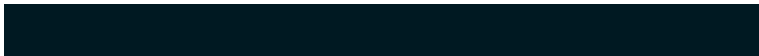
091909

Triad

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



151700



001922



230F17

Complementary

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



151700



020017

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.



1E111E



151700



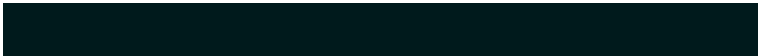
071724

Square

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



151700



001A1C



151423



24100E

Rectangle

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



151700



001A11



151423



22101A

Sweetspot

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



151700



1E1F15



170200



0F0F0A



8F8F8F



0F0F0F

Same Dimension

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



151700



1C1F00



0A1700



0D0D0B



464D00



BACC00

Inverse Universe

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



020017



03001F



0D0017



0C0B0D



07004D



1200CC

Previews

White Background



This preview shows how the Hex color 151700 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

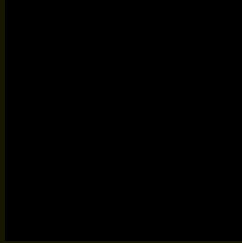
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

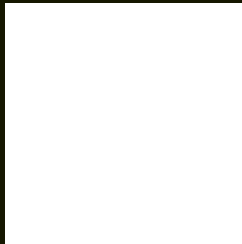
Any Text WCAG AAA × Fail

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

Hex 151700 Background



This preview shows how black text looks on a background with the Hex color 151700.

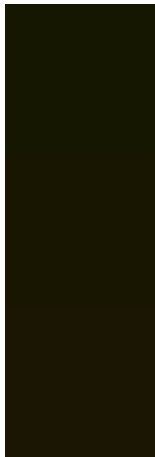


This preview shows how white text looks on a background with the Hex color 151700.

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
151700

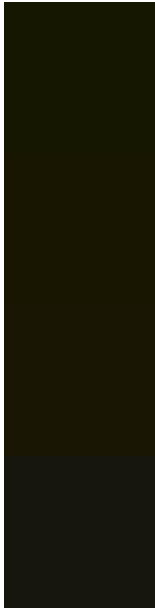
Protanopia
191600

Deuteranopia
1B1504



Tritanopia
171517

Trichromacy



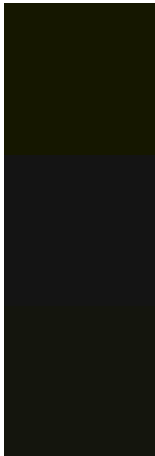
Original Color
151700

Protanomaly
181600

Deuteranomaly
191603

Tritanomaly
16160F

Monochromacy



Original Color
151700

Achromatopsia
141414

Achromatomaly
14150D

CSS Examples

Text

The CSS property to change the color of the text to Hex 151700 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 #151700 looks like.

```
.text, #text, p{  
    color:#151700  
}
```

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 #151700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #151700
}
```

Border

The CSS property to change the border of an element to Hex 151700 is called "border". The border property can be set on classes, ids or directly on the HTML element.

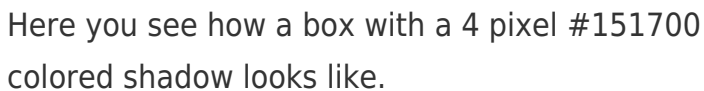
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#151700 }
```

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

```
.border{ border-color:#151700 }
```

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



Here you see how a box with a 4 pixel #151700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #151700; -webkit-box-shadow:4px 4px  
4px 4px #151700; box-shadow:4px 4px 4px  
4px #151700 }
```

Background

The CSS property to change the background color of an element to Hex 151700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#151700 }
```

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

```
.background{ background-color:#151700 }
```

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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