

# Converting Colors

Hex(151600)

Have a look what the booklet for  
Hex(151600) contains.

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# Color

**Hex(151600)**

# Conversions

## Conversions Part 1

Format	Color
Hex	151600
RGB	21, 22, 0
RGB Percent	8%, 9%, 0%
CMY	0.9176, 0.9137, 1.0000
CMYK	0.05, 0.00, 1.00, 0.91
HSL	63°, 100%, 4%
HSV	63°, 100%, 9%
XYZ	0.5962, 0.7332, 0.1101
YIQ	19.1930, 6.4660, -7.0540

# Conversions

## Conversions Part 2

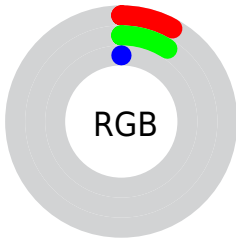
Format	Color
R <sub>Y</sub> B	0, 22, 1
Decimal	1381888
CIE Lab	6.62, -4.13, 9.84
CIE LCh	7, 10.675, 112.747
Yxy	0.7332, 0.4141, 0.5094
Android (android.graphics.Color)	4279571968 (0xFF151600)
YUV	19.1930, -9.4621, 1.5847
Hunter-Lab	8.5630, -2.5578, 5.2317

# Details

The Hex color **151600** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **010016**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **3F4030**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **151600**, and if you desaturate by 10%, it is **151602**.

# Distribution



Red (8%)

Green (9%)

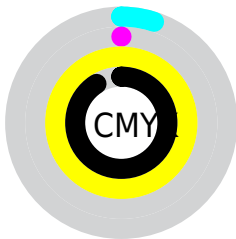
Blue (0%)



Red (0%)

Yellow (9%)

Blue (0%)

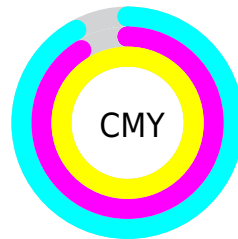


Cyan (5%)

Magenta (0%)

Yellow (100%)

Black (91%)



Cyan (92%)

Magenta (91%)


Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 151600 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 151600 by changing the saturation by 10% instead.



 151600

 151600

 F5F7E2

 000000

 3F4030

 565846


 6E705E

 888977

 A2A490

 BDBFAB

 D9DBC6

 151600

■ 151602

■ 151604

■ 151607

■ 151609

■ 16160B

■ 16160D

■ 16160F

■ 161612

■ 161614

# Harmonies

## Analogous

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



1D1300



151600



091808

# Triad

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



151600



001820



210F17

# Complementary

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



151600



010016

# 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.



1C111D



151600



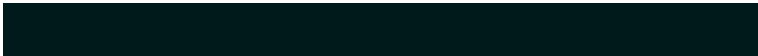
061623

# Square

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



151600



00191A



131322



230F0E

# Rectangle

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



151600



01190F



131322



200F19



# Sweetspot

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



151600



1C1C14



160100



0F0F0A



8F8F8F



0F0F0F



# Same Dimension

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



151600



1B1C00



0A1600



0A0A09



474A00



C0C900



# Inverse Universe

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



010016



01001C



0C0016



09090A



03004A

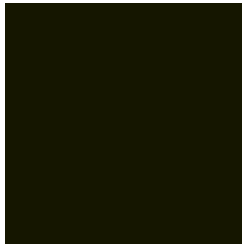


0900C9



# Previews

## White Background



This preview shows how the Hex color 151600 looks on a white background.

## Color Contrast Check

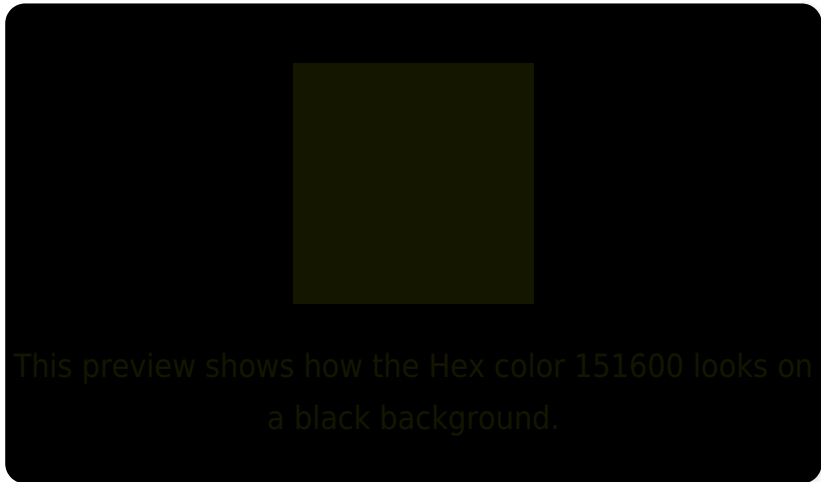
Large Text (above 18pt) WCAG AA ✓ Pass

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

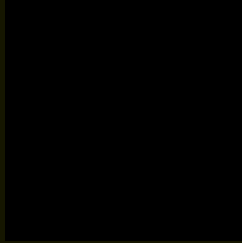
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 151600 Background



This preview shows how black text looks on a background with the Hex color 151600.

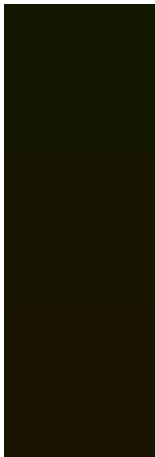


This preview shows how white text looks on a background with the Hex color 151600.

# 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**  
151600

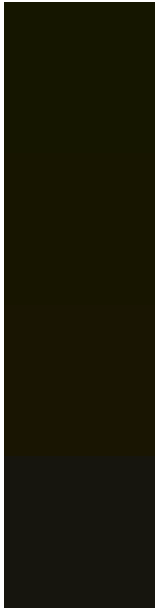
**Protanopia**  
181500

**Deuteranopia**  
1B1403



**Tritanopia**  
171416

# Trichromacy



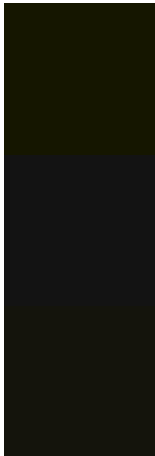
**Original Color**  
151600

**Protanomaly**  
171500

**Deuteranomaly**  
191502

**Tritanomaly**  
16150E

# Monochromacy



**Original Color**  
151600

**Achromatopsia**  
131313

**Achromatomaly**  
14140C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 151600 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 #151600 looks like.

```
.text, #text, p{  
    color:#151600  
}
```

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 #151600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #151600
}
```

## Border

The CSS property to change the border of an element to Hex 151600 is called "border". The border property can be set on classes, ids or directly on the HTML element.

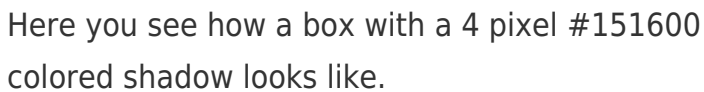
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#151600 }
```

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

```
.border{ border-color:#151600 }
```

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



Here you see how a box with a 4 pixel #151600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #151600; -webkit-box-shadow:4px 4px  
4px 4px #151600; box-shadow:4px 4px 4px  
4px #151600 }
```

# Background

The CSS property to change the background color of an element to Hex 151600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#151600 }
```

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

```
.background{ background-color:#151600 }
```

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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