

Converting Colors

Hex(151613)

Have a look what the booklet for
Hex(151613) contains.

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Color

Hex(151613)

Conversions

Conversions Part 1

Format	Color
Hex	151613
RGB	21, 22, 19
RGB Percent	8%, 9%, 7%
CMY	0.9176, 0.9137, 0.9255
CMYK	0.05, 0.00, 0.14, 0.91
HSL	80°, 7%, 8%
HSV	80°, 14%, 9%
XYZ	0.7137, 0.7803, 0.7291
YIQ	21.3590, 0.3670, -1.1450

Conversions

Conversions Part 2

Format	Color
RYB	19, 22, 20
Decimal	1381907
CIELab	7.05, -1.14, 1.72
CIElCh	7, 2.068, 123.556
Yxy	0.7803, 0.3210, 0.3510
Android (android.graphics.Color)	4279571987 (0xFF151613)
YUV	21.3590, -1.1630, -0.3148
Hunter-Lab	8.8333, -1.0357, 1.2896

Details

The Hex color **151613** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **141316**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **3F403D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **141611**, and if you desaturate by 10%, it is **161615**.

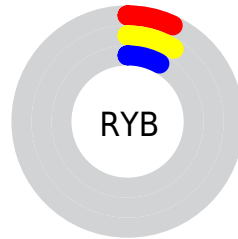
Distribution



Red (8%)

Green (9%)

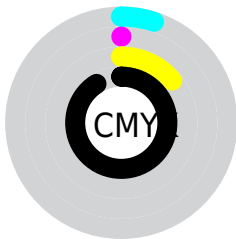
Blue (7%)



Red (7%)

Yellow (9%)

Blue (8%)

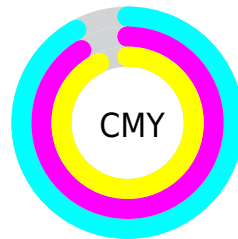


Cyan (5%)

Magenta (0%)

Yellow (14%)

Black (91%)



Cyan (92%)

Magenta (91%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 151613 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 151613 by changing the saturation by 10% instead.

■ 151613

■ 151613

■ F6F7F3

■ 000000

■ 3F403D

■ 565854

■ 6F706D

■ 888986

■ A2A4A0

■ BDBFBB

■ D9DBD7

■ 151613

■ 151613

■ 141611

■ 161615

■ 14160F

■ 161617

■ 13160C

■ 17161A

■ 12160A

■ 18161C

■ 111608

■ 19161E

■ 111606

■ 191620

■ 101604

■ 1A1622

■ 0F1601

■ 1B1625

■ 0F1600

■ 1C1627

Harmonies

Analogous

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



171612



151613



131614

Triad

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



151613



131618



191515

Complementary

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



151613



141316

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.



181517



151613



141618

Square

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



151613



121617



161518



191514

Rectangle

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



151613



121615



161518



181516

Sweetspot

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



151613



1C1C1B



161413



0F0F0F



8F8F8F

Same Dimension

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



151613



1B1C18



131613



0A0A09



314A00



86C900

Inverse Universe

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



141316



19181C



161316



0A090A



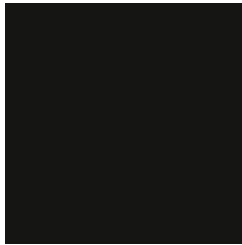
19004A



4300C9

Previews

White Background



This preview shows how the Hex color 151613 looks on a white background.

Color Contrast Check

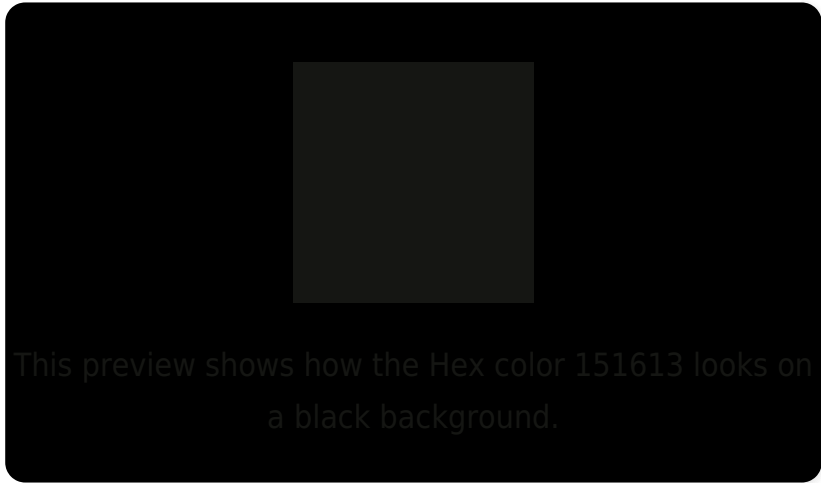
Large Text (above 18pt) WCAG AA ✓ Pass

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

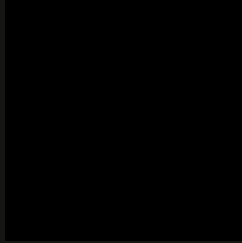
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

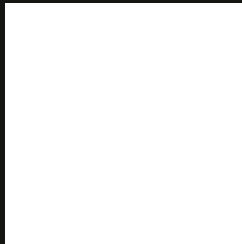
Any Text WCAG AAA × Fail

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

Hex 151613 Background



This preview shows how black text looks on a background with the Hex color 151613.

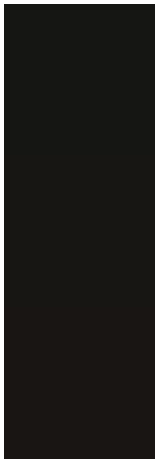


This preview shows how white text looks on a background with the Hex color 151613.

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](#).

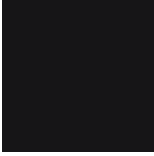
Dichromacy



Original Color
151613

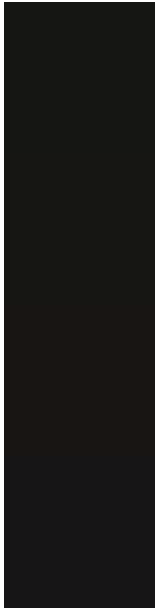
Protanopia
171613

Deuteranopia
191513



Tritanopia
161517

Trichromacy



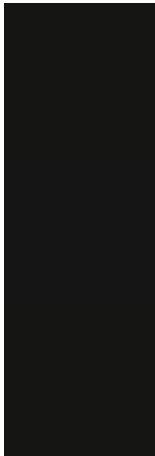
Original Color
151613

Protanomaly
161613

Deuteranomaly
181513

Tritanomaly
161516

Monochromacy



Original Color
151613

Achromatopsia
151515

Achromatomaly
151514

CSS Examples

Text

The CSS property to change the color of the text to Hex 151613 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 #151613 looks like.

```
.text, #text, p{  
    color:#151613  
}
```

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 #151613 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #151613
}
```

Border

The CSS property to change the border of an element to Hex 151613 is called "border". The border property can be set on classes, ids or directly on the HTML element.

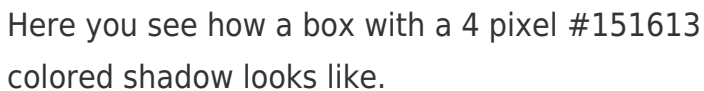
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#151613 }
```

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

```
.border{ border-color:#151613 }
```

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



Here you see how a box with a 4 pixel #151613 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #151613; -webkit-box-shadow:4px 4px  
4px 4px #151613; box-shadow:4px 4px 4px  
4px #151613 }
```

Background

The CSS property to change the background color of an element to Hex 151613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#151613 }
```

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

```
.background{ background-color:#151613 }
```

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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