

Converting Colors

Hex(151010)

Have a look what the booklet for
Hex(151010) contains.

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Color

Hex(151010)

Conversions

Conversions Part 1

Format	Color
Hex	151010
RGB	21, 16, 16
RGB Percent	8%, 6%, 6%
CMY	0.9176, 0.9373, 0.9373
CMYK	0.00, 0.24, 0.24, 0.92
HSL	0°, 14%, 7%
HSV	0°, 24%, 8%
XYZ	0.5881, 0.5674, 0.5687
YIQ	17.4950, 2.9800, 1.0600

Conversions

Conversions Part 2

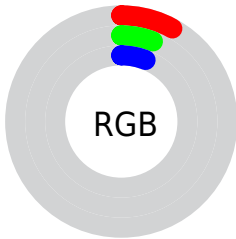
Format	Color
RYB	21, 16, 16
Decimal	1380368
CIELab	5.13, 2.00, 0.70
CIELCh	5, 2.117, 19.367
Yxy	0.5674, 0.3411, 0.3291
Android (android.graphics.Color)	4279570448 (0xFF151010)
YUV	17.4950, -0.7370, 3.0739
Hunter-Lab	7.5327, 0.7531, 0.7964

Details

The Hex color **151010** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **101515**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **3F3B3B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **150E0E**, and if you desaturate by 10%, it is **151212**.

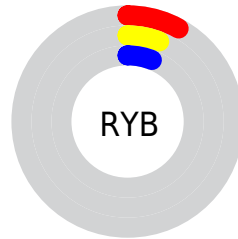
Distribution



Red (8%)

Green (6%)

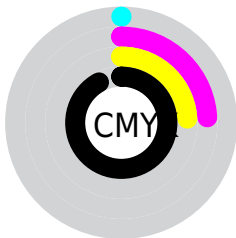
Blue (6%)



Red (8%)

Yellow (6%)

Blue (6%)

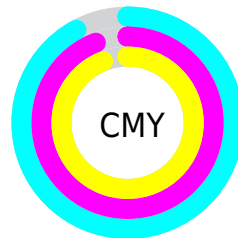


Cyan (0%)

Magenta (24%)

Yellow (24%)

Black (92%)



Cyan (92%)

Magenta (94%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 151010 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 151010 by changing the saturation by 10% instead.

■ 151010

■ 151010

■ F6F0F0

■ 000000

■ 3F3B3B

■ 565252

■ 6F6A6A

■ 888383

■ A29D9D

■ BDB8B8

■ D9D3D3

■ 151010

■ 151010

■ 150E0E

■ 151212

■ 150C0C

■ 151414

■ 150A0A

■ 151616

■ 150808

■ 151818

■ 150505

■ 151A1A

■ 150303

■ 151D1D

■ 150101

■ 151F1F

■ 150000

■ 152121

■ 152323

Harmonies

Analogous

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



141012



151010



15100E

Triad

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



151010



0F120F



0F1214

Complementary

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



151010



101515

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.



0D1214



151010



0D1210

Square

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



151010



11110D



0D1212



111114

Rectangle

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



151010



14110E



0D1212



0E1214

Sweetspot

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



151010



1C1A1A



151015



0F0E0E



8F8F8F



0F0F0F

Same Dimension

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



151010



1C1414



151210



0A0909



4A0000



C90000

Inverse Universe

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



101515



141C1C



101215



090A0A



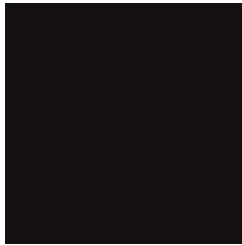
004A4A



00C9C9

Previews

White Background



This preview shows how the Hex color 151010 looks on a white background.

Color Contrast Check

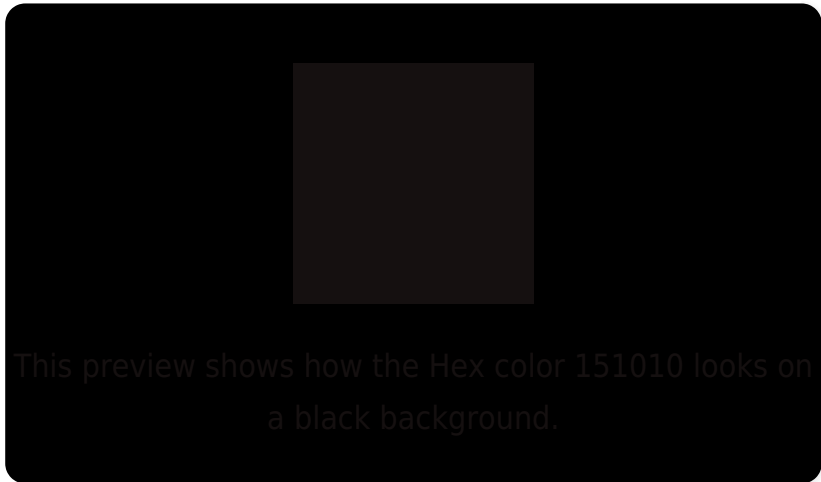
Large Text (above 18pt) WCAG AA ✓ Pass

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

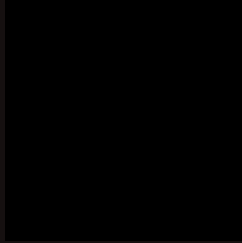
Any Text WCAG AA × Fail

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 151010 Background



This preview shows how black text looks on a background with the Hex color 151010.

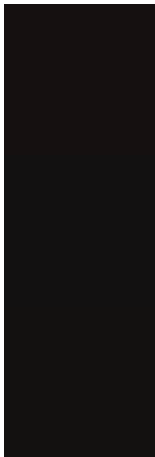


This preview shows how white text looks on a background with the Hex color 151010.

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
151010

Protanopia
121111

Deuteranopia
131110



Tritanopia
151011

Trichromacy



Original Color

151010

Protanomaly

131111

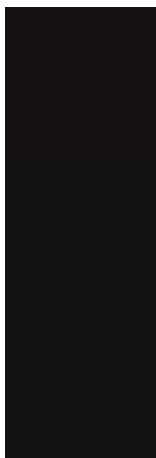
Deuteranomaly

141110

Tritanomaly

151011

Monochromacy



Original Color

151010

Achromatopsia

111111

Achromatomaly

121111

CSS Examples

Text

The CSS property to change the color of the text to Hex 151010 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 #151010 looks like.

```
.text, #text, p{  
    color:#151010  
}
```

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 #151010 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #151010
}
```

Border

The CSS property to change the border of an element to Hex 151010 is called "border". The border property can be set on classes, ids or directly on the HTML element.

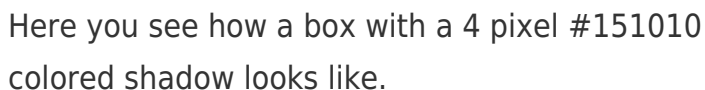
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#151010 }
```

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

```
.border{ border-color:#151010 }
```

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



Here you see how a box with a 4 pixel #151010 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #151010; -webkit-box-shadow:4px 4px  
4px 4px #151010; box-shadow:4px 4px 4px  
4px #151010 }
```

Background

The CSS property to change the background color of an element to Hex 151010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#151010 }
```

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

```
.background{ background-color:#151010 }
```

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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