

Converting Colors

Hex(150D0D)

Have a look what the booklet for
Hex(150D0D) contains.

| | |
|--|----|
| Hex(150D0D) | 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(150D0D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------|
| Hex | 150D0D |
| RGB | 21, 13, 13 |
| RGB Percent | 8%, 5%, 5% |
| CMY | 0.9176, 0.9490, 0.9490 |
| CMYK | 0.00, 0.38, 0.38, 0.92 |
| HSL | 0°, 24%, 7% |
| HSV | 0°, 38%, 8% |
| XYZ | 0.5258, 0.4763, 0.4450 |
| YIQ | 15.3920, 4.7680, 1.6960 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|--|
| RYB | 21, 13, 13 |
| Decimal | 1379597 |
| CIELab | 4.30, 2.99, 1.05 |
| CIELCh | 4, 3.174, 19.385 |
| Yxy | 0.4763, 0.3634, 0.3292 |
| Android (android.graphics.Color) | 4279569677 (0xFF150D0D) |
| YUV | 15.3920, -1.1793, 4.9182 |
| Hunter-Lab | 6.9017, 1.5216, 1.0084 |

Details

The Hex color **150D0D** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0D1515**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **3F3838**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **150B0B**, and if you desaturate by 10%, it is **150F0F**.

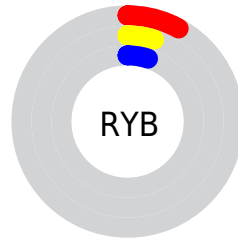
Distribution



Red (8%)

Green (5%)

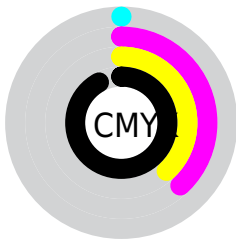
Blue (5%)



Red (8%)

Yellow (5%)

Blue (5%)

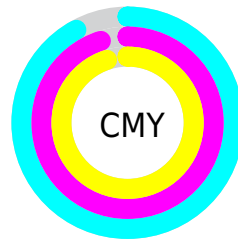


Cyan (0%)

Magenta (38%)

Yellow (38%)

Black (92%)



Cyan (92%)

Magenta (95%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 150D0D 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 150D0D by changing the saturation by 10% instead.

■ 150D0D

■ 150D0D

■ F6EDED

■ 000000

■ 3F3838

■ 564F4F

■ 6F6767

■ 888080

■ A29A9A

■ BDB5B5

■ D9D0D0

■ 150D0D

■ 150D0D

■ 150B0B

■ 150F0F

■ 150909

■ 151111

■ 150707

■ 151313

■ 150505

■ 151515

■ 150202

■ 151717

■ 150000

■ 151A1A

■ 151C1C

■ 151E1E

■ 152020

Harmonies

Analogous

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



140D10



150D0D



140D0A

Triad

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



150D0D



0C100B



0B1014

Complementary

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



150D0D



0D1515

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.



081013



150D0D



08110E

Square

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



150D0D



0F0F08



071111



0E0F14

Rectangle

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



150D0D



130E09



071111



091014

Sweetspot

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



150D0D



1C1919



150D15



0F0D0D



8F8F8F



0F0F0F

Same Dimension

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



150D0D



1C0F0F



15110D



0A0909



4A0000



C90000

Inverse Universe

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



0D1515



0F1C1C



0D1115



090A0A



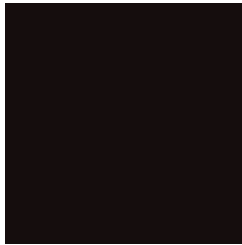
004A4A



00C9C9

Previews

White Background



This preview shows how the Hex color 150D0D looks on a white background.

Color Contrast Check

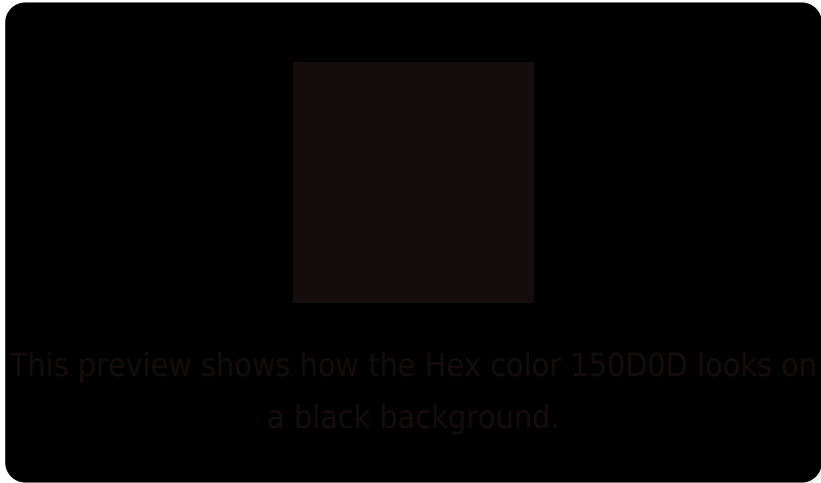
Large Text (above 18pt) WCAG AA ✓ Pass

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

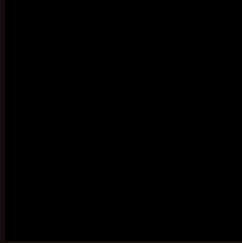
Any Text WCAG AA × Fail

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 150D0D Background



This preview shows how black text looks on a background with the Hex color 150D0D.

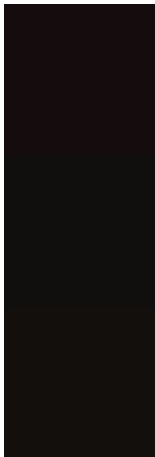


This preview shows how white text looks on a background with the Hex color 150D0D.

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
150D0D

Protanopia
100F0E

Deuteranopia
120F0D



Tritanopia
150D0E

Trichromacy



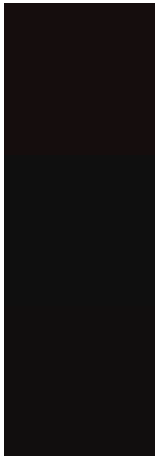
Original Color
150D0D

Protanomaly
120E0E

Deuteranomaly
130E0D

Tritanomaly
150D0E

Monochromacy



Original Color
150D0D

Achromatopsia
0F0F0F

Achromatomaly
110E0E

CSS Examples

Text

The CSS property to change the color of the text to Hex 150D0D 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 #150D0D looks like.

```
.text, #text, p{  
    color:#150D0D  
}
```

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 #150D0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #150D0D
}
```

Border

The CSS property to change the border of an element to Hex 150D0D is called "border". The border property can be set on classes, ids or directly on the HTML element.

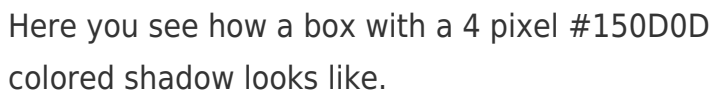
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#150D0D }
```

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

```
.border{ border-color:#150D0D }
```

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



Here you see how a box with a 4 pixel #150D0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #150D0D; -webkit-box-shadow:4px 4px  
4px 4px #150D0D; box-shadow:4px 4px 4px  
4px #150D0D }
```

Background

The CSS property to change the background color of an element to Hex 150D0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#150D0D }
```

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

```
.background{ background-color:#150D0D }
```

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