

Converting Colors

Hex(150701)

Have a look what the booklet for
Hex(150701) contains.

Hex(150701)	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>	28

Color

Hex(150701)

Conversions

Conversions Part 1

Format	Color
Hex	150701
RGB	21, 7, 1
RGB Percent	8%, 3%, 0%
CMY	0.9176, 0.9725, 0.9961
CMYK	0.00, 0.67, 0.95, 0.92
HSL	18°, 91%, 4%
HSV	18°, 95%, 8%
XYZ	0.3907, 0.3136, 0.0686
YIQ	10.5020, 10.2700, 1.1020

Conversions

Conversions Part 2

Format	Color
R_{YB}	21, 10, 1
Decimal	1378049
CIE Lab	2.83, 3.80, 3.90
CIE LCh	3, 5.444, 45.786
Yxy	0.3136, 0.5055, 0.4057
Android (android.graphics.Color)	4279568129 (0xFF150701)
YUV	10.5020, -4.6845, 9.2067
Hunter-Lab	5.5998, 2.6549, 3.1930

Details

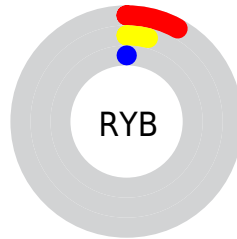
The Hex color **150701** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **010F15**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **3E3431**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **150600**, and if you desaturate by 10%, it is **150803**.

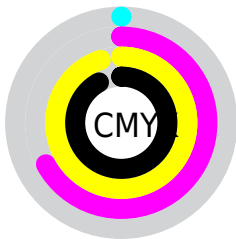
Distribution



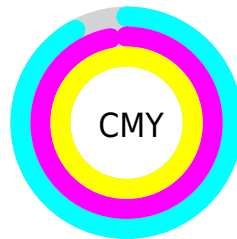
- Red (8%)
- Green (3%)
- Blue (0%)



- Red (8%)
- Yellow (4%)
- Blue (0%)



- Cyan (0%)
- Magenta (67%)
- Yellow (95%)
- Black (92%)



- Cyan (92%)
- Magenta (97%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 150701 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 150701 by changing the saturation by 10% instead.

■ 150701

■ 150701

■ F5E8E3

■ 000000

■ 3E3431

■ 564B47

■ 6E635F

■ 887C78

■ A29691

■ BDB0AC

■ D9CCC7

■ 150701

■ 150701

■ 150600

■ 150803

■ 150A05

■ 150B07

■ 150D09

■ 150E0C

■ 15100E

■ 151110

■ 151312

■ 151414

Harmonies

Analogous

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



160607



150701



120900

Triad

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



150701



000E07



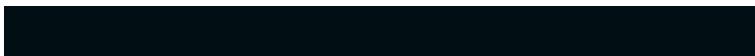
080A14

Complementary

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



150701



010F15

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.



010C14



150701



000E0D

Square

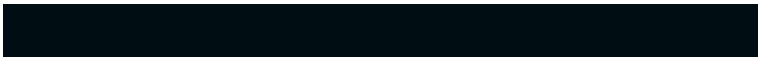
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



150701



050D01



000D12



0F0812

Rectangle

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



150701



0E0A00



000D12



060A14

Sweetspot

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



150701



1C1614



15010F



0F0C0A



8F8F8F



0F0F0F

Same Dimension

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



150701



1C0800



151101



0A0909



4A1600



C93C00

Inverse Universe

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



010F15



00141C



010515



090A0A



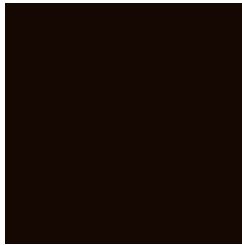
00344A



008DC9

Previews

White Background



This preview shows how the Hex color 150701 looks on a white background.

Color Contrast Check

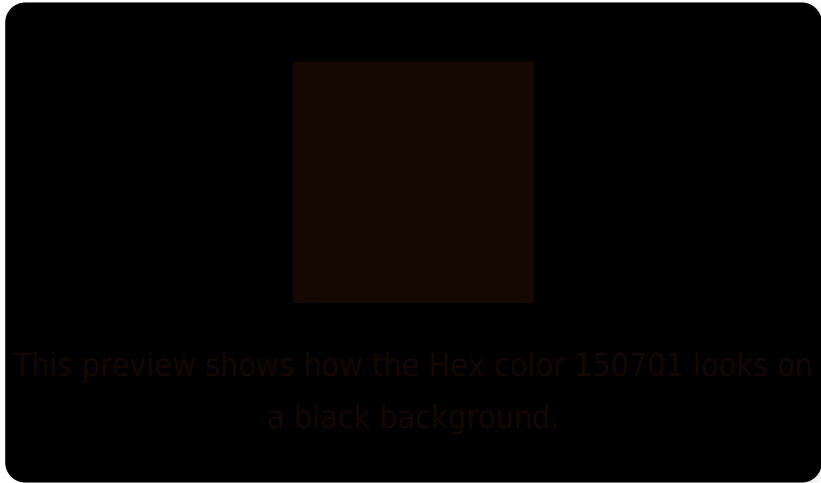
Large Text (above 18pt) WCAG AA ✓ Pass

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

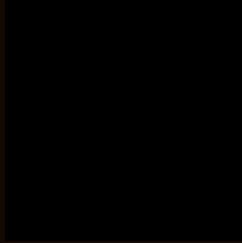
Any Text WCAG AA × Fail

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 150701 Background



This preview shows how black text looks on a background with the Hex color 150701.



This preview shows how white text looks on a background with the Hex color 150701.

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

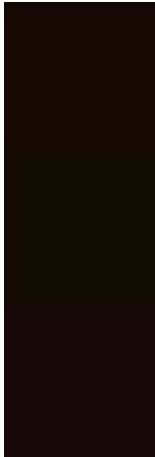


Original Color
150701

Protanopia
0D0C02

Tritanopia
150707

Trichromacy



Original Color
150701

Protanomaly
100A02

Tritanomaly
150705

Monochromacy



Original Color
150701

Achromatopsia
0B0B0B

Achromatomaly
0F0A07

CSS Examples

Text

The CSS property to change the color of the text to Hex 150701 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 #150701 looks like.

```
.text, #text, p{  
    color:#150701  
}
```

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 #150701 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #150701
}
```

Border

The CSS property to change the border of an element to Hex 150701 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
#150701 }
```

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

```
.border{ border-color:#150701 }
```

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

Here you see how a box with a 4 pixel #150701 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #150701; -webkit-box-shadow:4px 4px  
4px 4px #150701; box-shadow:4px 4px 4px  
4px #150701 }
```

Background

The CSS property to change the background color of an element to Hex 150701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#150701 }
```

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

```
.background{ background-color:#150701 }
```

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