

Converting Colors

Hex(15000D)

Have a look what the booklet for
Hex(15000D) contains.

Hex(15000D)	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(15000D)

Conversions

Conversions Part 1

Format	Color
Hex	15000D
RGB	21, 0, 13
RGB Percent	8%, 0%, 5%
CMY	0.9176, 1.0000, 0.9490
CMYK	0.00, 1.00, 0.38, 0.92
HSL	323°, 100%, 4%
HSV	323°, 100%, 8%
XYZ	0.3819, 0.1885, 0.3970
YIQ	7.7610, 8.3430, 8.4950

Conversions

Conversions Part 2

Format	Color
R_{YB}	21, 0, 13
Decimal	1376269
CIE _{Lab}	1.70, 8.31, -2.74
CIE _{LCh}	2, 8.747, 341.722
Yxy	0.1885, 0.3948, 0.1948
Android (android.graphics.Color)	4279566349 (0xFF1500D)
YUV	7.7610, 2.5828, 11.6106
Hunter-Lab	4.3415, 8.1043, -2.3829

Details

The Hex color **15000D** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **001508**, and the grayscale version is **080808**.

A 20% lighter version of the original color is **3E3038**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **15000D**, and if you desaturate by 10%, it is **15020E**.

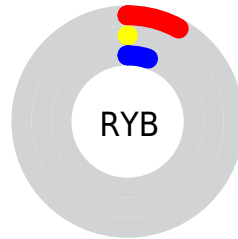
Distribution



Red (8%)

Green (0%)

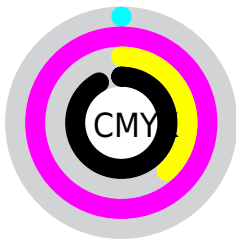
Blue (5%)



Red (8%)

Yellow (0%)

Blue (5%)

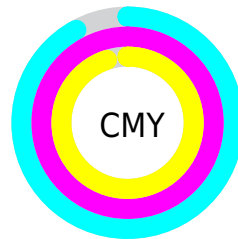


Cyan (0%)

Magenta (100%)

Yellow (38%)

Black (92%)



Cyan (92%)

Magenta (100%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15000D 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 15000D by changing the saturation by 10% instead.

 15000D

 15000D

 F5E2ED

 000000

 3E3038

 56464F

 6E5E67

 887780

 A2909A

 BDABB5

 D9C6D0

 15000D

■ 15020E

■ 15040F

■ 15060F

■ 150810

■ 150A11

■ 150D12

■ 150F13

■ 151113

■ 151314

Harmonies

Analogous

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



0E0214



15000D



180002

Triad

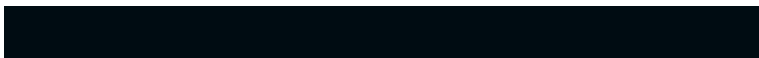
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15000D



050700



000C12

Complementary

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



15000D



001508

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.



000C0A



15000D



000A00

Square

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



15000D



100400



000C00



000916

Rectangle

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



15000D



170000



000C00



000C10

Sweetspot

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



15000D



1C1419



080015



0F0A0D



8F8F8F



0F0F0F

Same Dimension

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



15000D



1C0011



150003



0A090A



4A002E



C9007D

Inverse Universe

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



15000D



1C0011



001512



0A090A



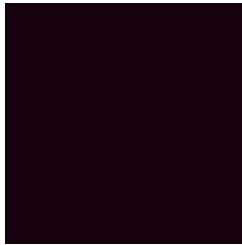
4A002E



C9007D

Previews

White Background



This preview shows how the Hex color 15000D looks on a white background.

Color Contrast Check

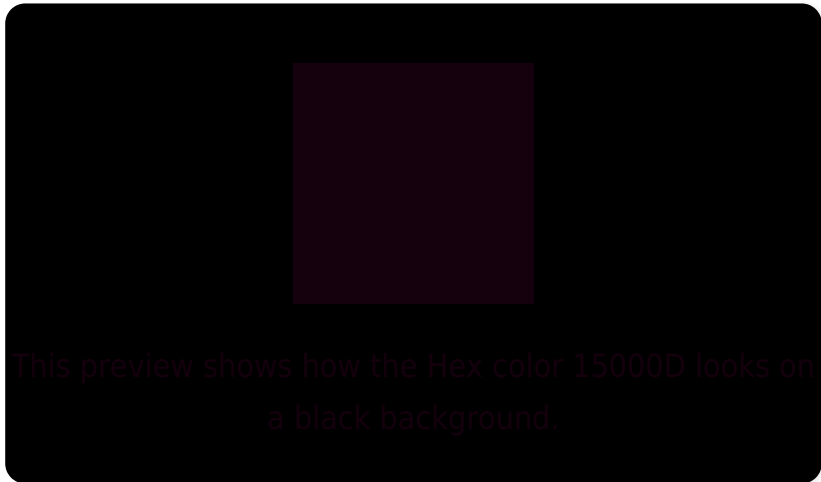
Large Text (above 18pt) WCAG AA ✓ Pass

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

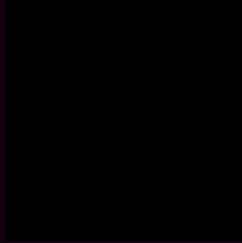
Any Text WCAG AA × Fail

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 15000D Background



This preview shows how black text looks on a background with the Hex color 15000D.



This preview shows how white text looks on a background with the Hex color 15000D.

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
15000D

Protanopia
080B13

Deuteranopia
0C0B0C



Tritanopia
150505

Trichromacy



Original Color
15000D

Protanomaly
0D0711

Deuteranomaly
0F070C

Tritanomaly
150308

Monochromacy



Original Color
15000D

Achromatopsia
080808

Achromatomaly
0D050A

CSS Examples

Text

The CSS property to change the color of the text to Hex 15000D 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 #15000D looks like.

```
.text, #text, p{  
    color:#15000D  
}
```

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 #15000D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15000D
}
```

Border

The CSS property to change the border of an element to Hex 15000D 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
#15000D }
```

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

```
.border{ border-color:#15000D }
```

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

Here you see how a box with a 4 pixel #15000D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15000D; -webkit-box-shadow:4px 4px  
4px 4px #15000D; box-shadow:4px 4px 4px  
4px #15000D }
```

Background

The CSS property to change the background color of an element to Hex 15000D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15000D }
```

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

```
.background{ background-color:#15000D }
```

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