

Converting Colors

Hex(00100D)

Have a look what the booklet for
Hex(00100D) contains.

Hex(00100D)	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(00100D)

Conversions

Conversions Part 1

Format	Color
Hex	00100D
RGB	0, 16, 13
RGB Percent	0%, 6%, 5%
CMY	1.0000, 0.9373, 0.9490
CMYK	1.00, 0.00, 0.19, 0.94
HSL	169°, 100%, 3%
HSV	169°, 100%, 6%
XYZ	0.2579, 0.3996, 0.4443
YIQ	10.8740, -8.5730, -4.3250

Conversions

Conversions Part 2

Format	Color
RYB	0, 9, 16
Decimal	4109
CIELab	3.61, -4.99, -0.13
CIElCh	4, 4.996, 181.505
Yxy	0.3996, 0.2341, 0.3627
Android (android.graphics.Color)	4278194189 (0xFF00100D)
YUV	10.8740, 1.0481, -9.5365
Hunter-Lab	6.3217, -3.7799, 0.2581

Details

The Hex color **00100D** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **100003**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **303A38**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00100D**, and if you desaturate by 10%, it is **02100D**.

Distribution



Red (0%)

Green (6%)

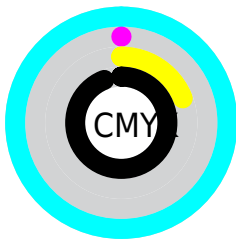
Blue (5%)



Red (0%)

Yellow (4%)

Blue (6%)

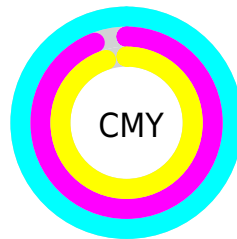


Cyan (100%)

Magenta (0%)

Yellow (19%)

Black (94%)



Cyan (100%)

Magenta (94%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00100D 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 00100D by changing the saturation by 10% instead.

■ 00100D

■ 00100D

■ E2F0ED

■ 000000

■ 303A38

■ 46514F

■ 5E6A67

■ 778380

■ 909D9A

■ ABB8B5

■ C6D3D0

■ 00100D

■ 02100D

■ 03100E

■ 05100E

■ 06100E

■ 08100F

■ 0A100F

■ 0B100F

■ 0D100F

■ 0E1010

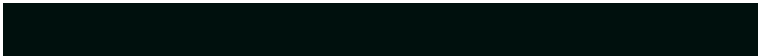
Harmonies

Analogous

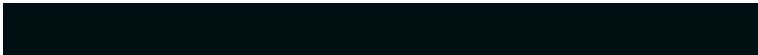
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



040F07



00100D



001012

Triad

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



00100D



0E0B14



150B03

Complementary

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



00100D



100003

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.



160A07



00100D



130A11

Square

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



00100D



080D15



16090D



110D01

Rectangle

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



00100D



010F14



16090D



160A04

Sweetspot

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



00100D



0E1413



031000



070A0A



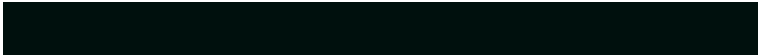
8A8A8A



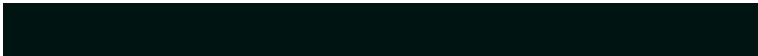
0A0A0A

Same Dimension

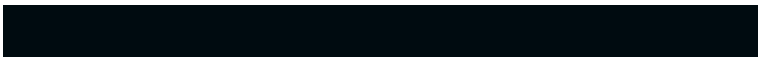
The Same Dimension uses a secret algorithm to generate beautiful new colors.



00100D



001411



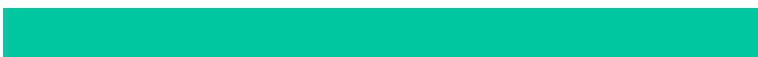
000B10



070808



00473A



00C7A2

Inverse Universe

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



100003



140004



100500



080707



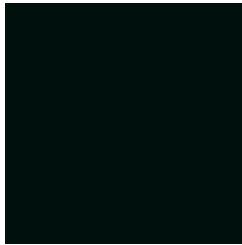
47000D



C70025

Previews

White Background



This preview shows how the Hex color 00100D looks on a white background.

Color Contrast Check

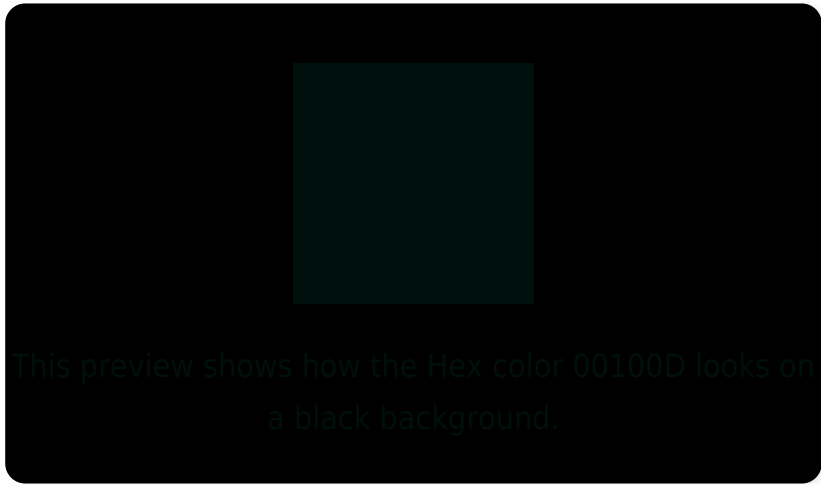
Large Text (above 18pt) WCAG AA ✓ Pass

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

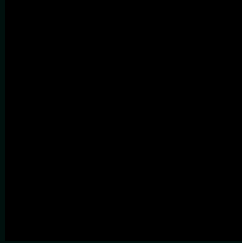
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

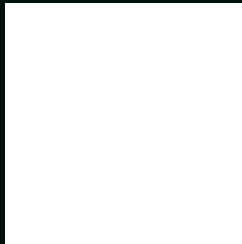
Any Text WCAG AAA × Fail

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

Hex 00100D Background



This preview shows how black text looks on a background with the Hex color 00100D.



This preview shows how white text looks on a background with the Hex color 00100D.

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](#).

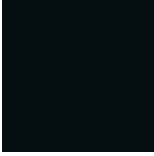
Dichromacy



Original Color
00100D

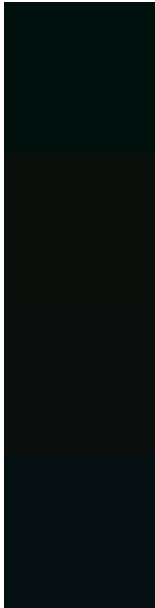
Protanopia
0F0E0C

Deuteranopia
100E0E



Tritanopia
050F11

Trichromacy



Original Color

00100D

Protanomaly

0A0F0C

Deuteranomaly

0A0F0E

Tritanomaly

030F10

Monochromacy



Original Color

00100D

Achromatopsia

0B0B0B

Achromatomaly

070D0C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00100D 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 #00100D looks like.

```
.text, #text, p{  
    color:#00100D  
}
```

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 #00100D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00100D
}
```

Border

The CSS property to change the border of an element to Hex 00100D is called "border". The border property can be set on classes, ids or directly on the HTML element.

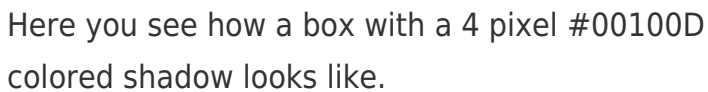
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00100D }
```

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

```
.border{ border-color:#00100D }
```

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



Here you see how a box with a 4 pixel #00100D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00100D; -webkit-box-shadow:4px 4px  
4px 4px #00100D; box-shadow:4px 4px 4px  
4px #00100D }
```

Background

The CSS property to change the background color of an element to Hex 00100D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00100D }
```

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

```
.background{ background-color:#00100D }
```

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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