

Converting Colors

Hex(101713)

Have a look what the booklet for
Hex(101713) contains.

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Color

Hex(101713)

Conversions

Conversions Part 1

Format	Color
Hex	101713
RGB	16, 23, 19
RGB Percent	6%, 9%, 7%
CMY	0.9373, 0.9098, 0.9255
CMYK	0.30, 0.00, 0.17, 0.91
HSL	146°, 18%, 8%
HSV	146°, 30%, 9%
XYZ	0.6376, 0.7700, 0.7311
YIQ	20.4510, -2.8880, -2.7280

Conversions

Conversions Part 2

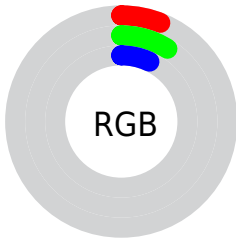
Format	Color
RYB	16, 21, 23
Decimal	1054483
CIELab	6.96, -3.86, 1.53
CIElCh	7, 4.153, 158.320
Yxy	0.7700, 0.2981, 0.3600
Android (android.graphics.Color)	4279244563 (0xFF101713)
YUV	20.4510, -0.7153, -3.9035
Hunter-Lab	8.7748, -2.3851, 1.2024

Details

The Hex color **101713** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **171014**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **3A413D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0E1712**, and if you desaturate by 10%, it is **121714**.

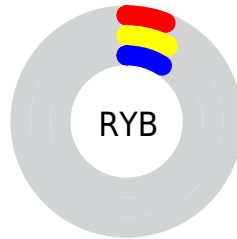
Distribution



Red (6%)

Green (9%)

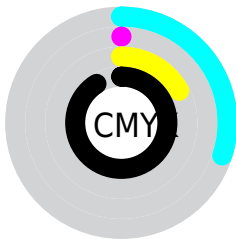
Blue (7%)



Red (6%)

Yellow (8%)

Blue (9%)

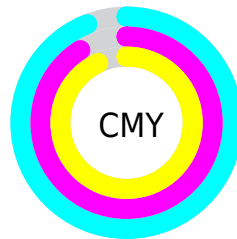


Cyan (30%)

Magenta (0%)

Yellow (17%)

Black (91%)



Cyan (94%)

Magenta (91%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 101713 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 101713 by changing the saturation by 10% instead.

■ 101713

■ 101713

■ F0F8F3

■ 000000

■ 3A413D

■ 515954

■ 6A716D

■ 838B86

■ 9DA5A0

■ B8C0BB

■ D3DCD7

■ 101713

■ 101713

■ 0E1712

■ 121714

■ 0B1710

■ 151716

■ 09170F

■ 171717

■ 07170E

■ 191718

■ 04170C

■ 1B171A

■ 02170B

■ 1E171B

■ 00170A

■ 20171C

■ 22171E

■ 25171F

Harmonies

Analogous

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



141610



101713



0E1716

Triad

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



101713



13151B



1B1412

Complementary

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



101713



171014

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.



1B1315



101713



17141A

Square

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



101713



10161A



1A1418



1A140F

Rectangle

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



101713



0D1718



1A1418



1B1413

Sweetspot

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



101713



1C1F1D



141710



0E0F0E



8F8F8F



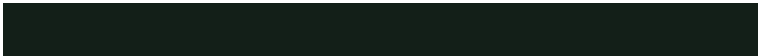
0F0F0F

Same Dimension

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



101713



131F18



101716



0B0D0C



004D21



00CC57

Inverse Universe

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



171014



1F131A



171011



0D0B0C



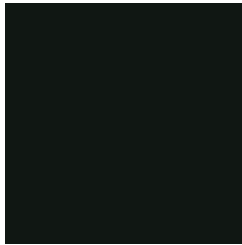
4D002C



CC0075

Previews

White Background



This preview shows how the Hex color 101713 looks on a white background.

Color Contrast Check

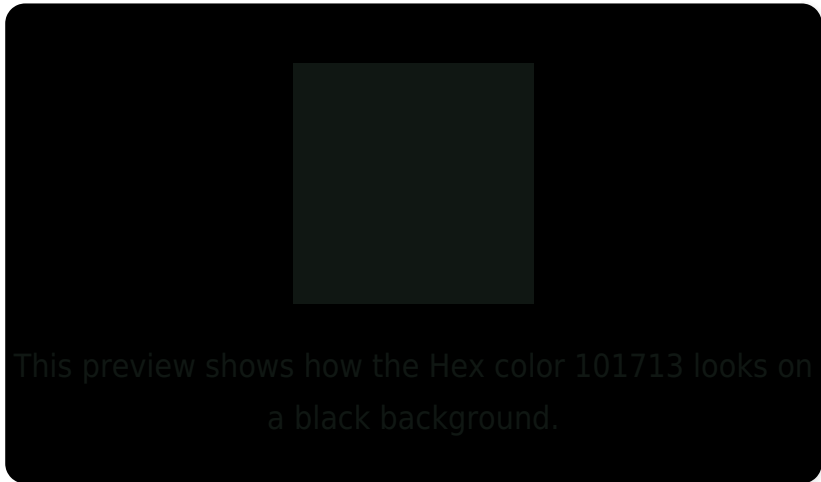
Large Text (above 18pt) WCAG AA ✓ Pass

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

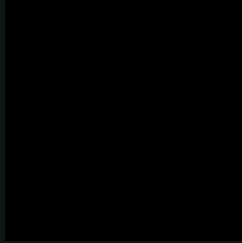
Any Text WCAG AA × Fail

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 101713 Background



This preview shows how black text looks on a background with the Hex color 101713.

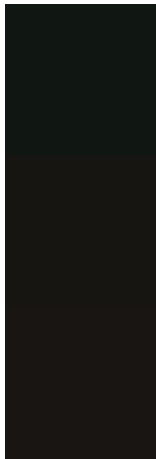


This preview shows how white text looks on a background with the Hex color 101713.

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](#).

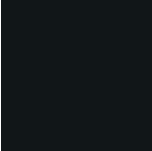
Dichromacy



Original Color
101713

Protanopia
171512

Deuteranopia
181513



Tritanopia
111618

Trichromacy



Original Color

101713

Protanomaly

141612

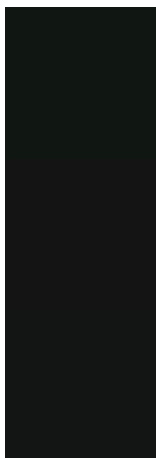
Deuteranomaly

151613

Tritanomaly

111616

Monochromacy



Original Color

101713

Achromatopsia

141414

Achromatomaly

131514

CSS Examples

Text

The CSS property to change the color of the text to Hex 101713 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 #101713 looks like.

```
.text, #text, p{  
    color:#101713  
}
```

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 #101713 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #101713
}
```

Border

The CSS property to change the border of an element to Hex 101713 is called "border". The border property can be set on classes, ids or directly on the HTML element.

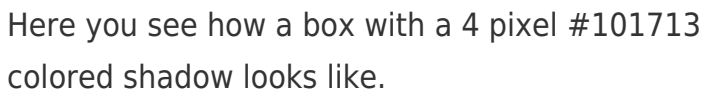
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#101713 }
```

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

```
.border{ border-color:#101713 }
```

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



Here you see how a box with a 4 pixel #101713 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #101713; -webkit-box-shadow:4px 4px  
4px 4px #101713; box-shadow:4px 4px 4px  
4px #101713 }
```

Background

The CSS property to change the background color of an element to Hex 101713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#101713 }
```

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

```
.background{ background-color:#101713 }
```

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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