

Converting Colors

Hex(101217)

Have a look what the booklet for
Hex(101217) contains.

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Color

Hex(101217)

Conversions

Conversions Part 1

Format	Color
Hex	101217
RGB	16, 18, 23
RGB Percent	6%, 7%, 9%
CMY	0.9373, 0.9294, 0.9098
CMYK	0.30, 0.22, 0.00, 0.91
HSL	223°, 18%, 8%
HSV	223°, 30%, 9%
XYZ	0.5846, 0.6046, 0.8965
YIQ	17.9720, -2.7970, 1.1310

Conversions

Conversions Part 2

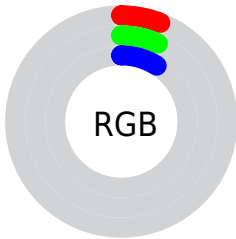
Format	Color
R_{YB}	16, 18, 23
Decimal	1053207
CIE Lab	5.46, 0.41, -3.41
CIE LCh	5, 3.431, 276.830
Yxy	0.6046, 0.2803, 0.2899
Android (android.graphics.Color)	4279243287 (0xFF101217)
YUV	17.9720, 2.4788, -1.7294
Hunter-Lab	7.7758, -0.1867, -1.3927

Details

The Hex color **101217** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **171510**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **3A3C41**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0E1017**, and if you desaturate by 10%, it is **121417**.

Distribution



Red (6%)

Green (7%)

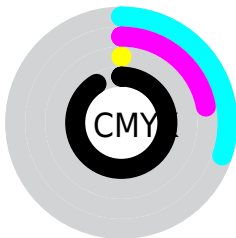
Blue (9%)



Red (6%)

Yellow (7%)

Blue (9%)

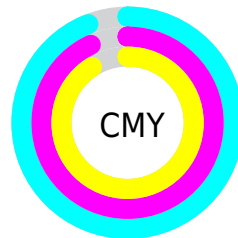


Cyan (30%)

Magenta (22%)

Yellow (0%)

Black (91%)



Cyan (94%)

Magenta (93%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 101217 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 101217 by changing the saturation by 10% instead.

■ 101217

■ 101217

■ F0F2F8

■ 000000

■ 3A3C41

■ 515359

■ 6A6C71

■ 83858B

■ 9D9FA5

■ B8BAC0

■ D3D6DC

■ 101217

■ 101217

■ 0E1017

■ 121417

■ 0B0F17

■ 151517

■ 090D17

■ 171717

■ 070B17

■ 191917

■ 040A17

■ 1B1A17

■ 020817

■ 1E1C17

■ 000717

■ 201D17

■ 221F17

■ 252117

Harmonies

Analogous

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



0D1317



101217



131116

Triad

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



101217



18100E



0D1410

Complementary

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



101217



171510

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.



10130D



101217



16110C

Square

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



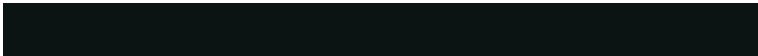
101217



181011



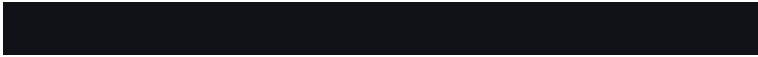
14120C



0B1413

Rectangle

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



101217



151115



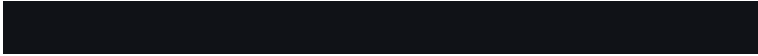
14120C



0E130F

Sweetspot

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



101217



1C1D1F



101715



0E0E0F



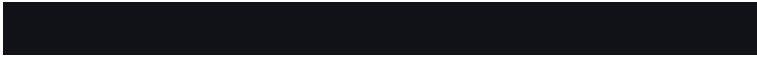
8F8F8F



0F0F0F

Same Dimension

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



101217



13171F



111017



0B0C0D



00164D



003ACC

Inverse Universe

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



171012



1F1317



161710



0D0B0C



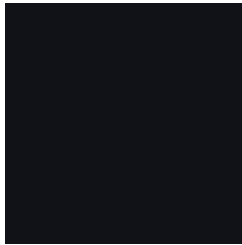
4D0016



CC003A

Previews

White Background



This preview shows how the Hex color 101217 looks on a white background.

Color Contrast Check

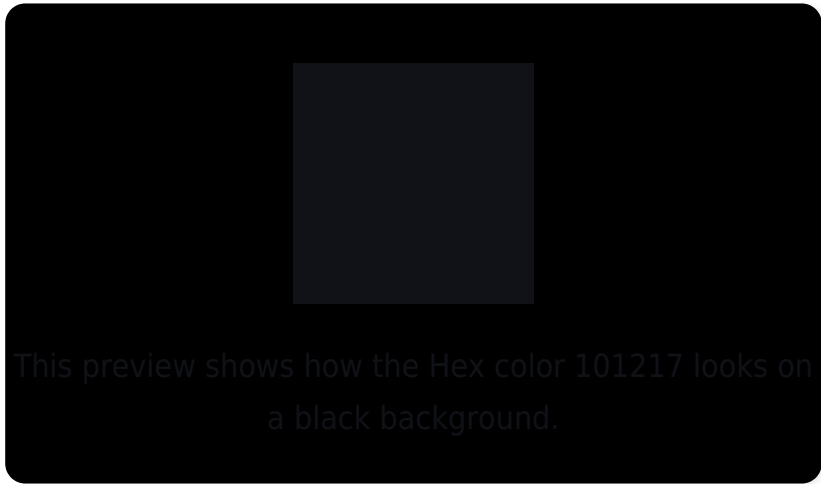
Large Text (above 18pt) WCAG AA ✓ Pass

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

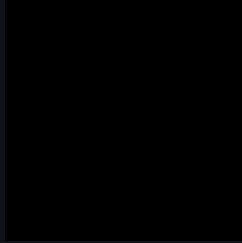
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

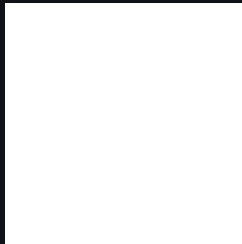
Any Text WCAG AAA × Fail

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

Hex 101217 Background



This preview shows how black text looks on a background with the Hex color 101217.

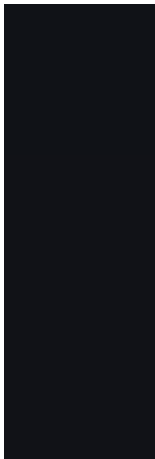


This preview shows how white text looks on a background with the Hex color 101217.

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](#).

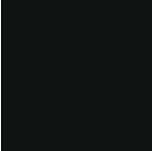
Dichromacy



Original Color
101217

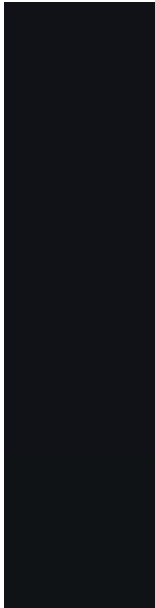
Protanopia
111217

Deuteranopia
111217



Tritanopia
0F1314

Trichromacy



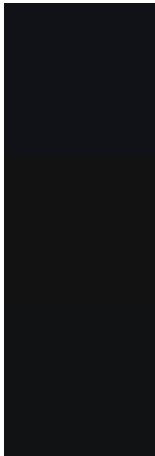
Original Color
101217

Protanomaly
111217

Deuteranomaly
111217

Tritanomaly
0F1315

Monochromacy



Original Color
101217

Achromatopsia
121212

Achromatomaly
111214

CSS Examples

Text

The CSS property to change the color of the text to Hex 101217 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 #101217 looks like.

```
.text, #text, p{  
    color:#101217  
}
```

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 #101217 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #101217
}
```

Border

The CSS property to change the border of an element to Hex 101217 is called "border". The border property can be set on classes, ids or directly on the HTML element.

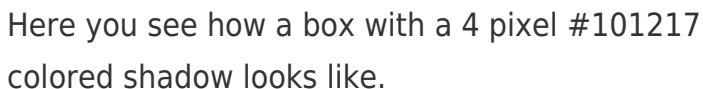
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#101217 }
```

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

```
.border{ border-color:#101217 }
```

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



Here you see how a box with a 4 pixel #101217 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #101217; -webkit-box-shadow:4px 4px  
4px 4px #101217; box-shadow:4px 4px 4px  
4px #101217 }
```

Background

The CSS property to change the background color of an element to Hex 101217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#101217 }
```

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

```
.background{ background-color:#101217 }
```

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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