

Converting Colors

Hex(00121A)

Have a look what the booklet for
Hex(00121A) contains.

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Color

Hex(00121A)

Conversions

Conversions Part 1

Format	Color
Hex	00121A
RGB	0, 18, 26
RGB Percent	0%, 7%, 10%
CMY	1.0000, 0.9294, 0.8980
CMYK	1.00, 0.31, 0.00, 0.90
HSL	198°, 100%, 5%
HSV	198°, 100%, 10%
XYZ	0.4028, 0.5072, 1.0540
YIQ	13.5300, -13.2960, -1.3280

Conversions

Conversions Part 2

Format	Color
RYB	0, 11, 26
Decimal	4634
CIELab	4.58, -3.25, -7.14
CIELCh	5, 7.843, 245.528
Yxy	0.5072, 0.2051, 0.2583
Android (android.graphics.Color)	4278194714 (0xFF00121A)
YUV	13.5300, 6.1477, -11.8658
Hunter-Lab	7.1218, -2.3683, -3.7891

Details

The Hex color **00121A** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1A0800**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **2E3C45**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00121A**, and if you desaturate by 10%, it is **03131A**.

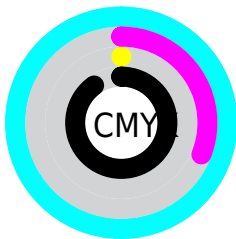
Distribution



- Red (0%)
- Green (7%)
- Blue (10%)



- Red (0%)
- Yellow (4%)
- Blue (10%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (90%)



- Cyan (100%)
- Magenta (93%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00121A 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 00121A by changing the saturation by 10% instead.

 00121A

 00121A

 E2F2FD

 000000

 2E3C45

 45535C

 5D6C75

 76858F

 909FA9

 AABAC4

 C6D6E0

 00121A

■ 03131A

■ 05141A

■ 08141A

■ 0A151A

■ 0D161A

■ 10171A

■ 12181A

■ 15181A

■ 17191A

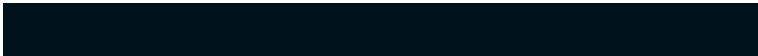
Harmonies

Analogous

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



001317



00121A



0A101B

Triad

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



00121A



1C0B0F



0C1201

Complementary

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



00121A



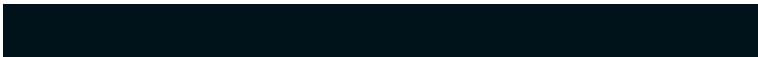
1A0800

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.



141000



00121A



1C0B06

Square

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



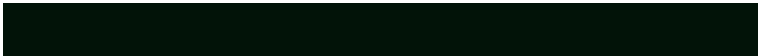
00121A



190B15



1A0D00



021308

Rectangle

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



00121A



100E1A



1A0D00



0F1100

Sweetspot

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



00121A



171E21



001A08



0B1012



919191



121212

Same Dimension

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



00121A



001721



00051A



0B0C0D



00354D



008DCC

Inverse Universe

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



1A0012



210017



1A1500



0D0B0C



4D0035



CC008D

Previews

White Background



This preview shows how the Hex color 00121A looks on a white background.

Color Contrast Check

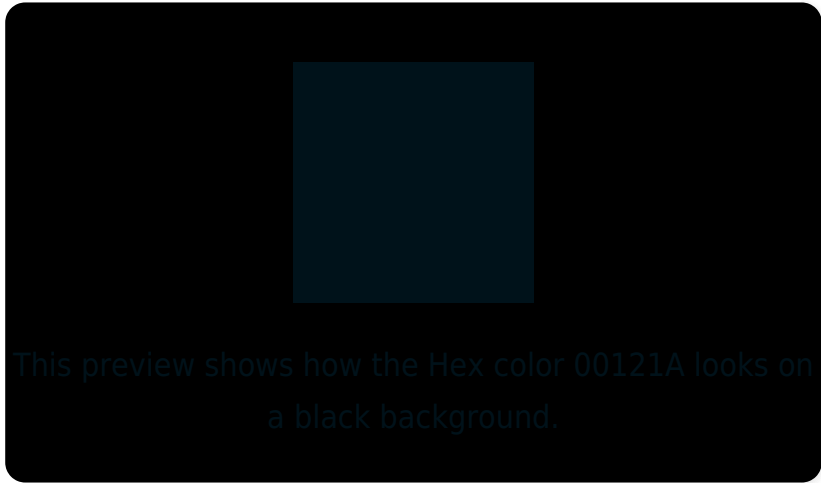
Large Text (above 18pt) WCAG AA ✓ Pass

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

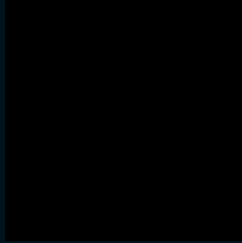
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

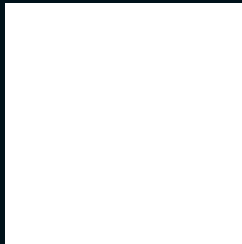
Any Text WCAG AAA × Fail

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

Hex 00121A Background



This preview shows how black text looks on a background with the Hex color 00121A.



This preview shows how white text looks on a background with the Hex color 00121A.

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
00121A

Protanopia
0E1119

Deuteranopia
0C111A



Tritanopia
001314

Trichromacy



Original Color

00121A

Protanomaly

091119

Deuteranomaly

08111A

Tritanomaly

001316

Monochromacy



Original Color

00121A

Achromatopsia

0E0E0E

Achromatomaly

090F12

CSS Examples

Text

The CSS property to change the color of the text to Hex 00121A 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 #00121A looks like.

```
.text, #text, p{  
    color:#00121A  
}
```

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 #00121A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00121A
}
```

Border

The CSS property to change the border of an element to Hex 00121A 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
#00121A }
```

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

```
.border{ border-color:#00121A }
```

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

Here you see how a box with a 4 pixel #00121A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00121A; -webkit-box-shadow:4px 4px  
4px 4px #00121A; box-shadow:4px 4px 4px  
4px #00121A }
```

Background

The CSS property to change the background color of an element to Hex 00121A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00121A }
```

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

```
.background{ background-color:#00121A }
```

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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