

Converting Colors

Hex(00111A)

Have a look what the booklet for
Hex(00111A) contains.

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Color

Hex(00111A)

Conversions

Conversions Part 1

Format	Color
Hex	00111A
RGB	0, 17, 26
RGB Percent	0%, 7%, 10%
CMY	1.0000, 0.9333, 0.8980
CMYK	1.00, 0.35, 0.00, 0.90
HSL	201°, 100%, 5%
HSV	201°, 100%, 10%
XYZ	0.3869, 0.4755, 1.0487
YIQ	12.9430, -13.0210, -0.8050

Conversions

Conversions Part 2

Format	Color
RYB	0, 10, 26
Decimal	4378
CIELab	4.29, -2.66, -7.56
CIELCh	4, 8.016, 250.592
Yxy	0.4755, 0.2025, 0.2488
Android (android.graphics.Color)	4278194458 (0xFF00111A)
YUV	12.9430, 6.4371, -11.3510
Hunter-Lab	6.8955, -2.0516, -4.1900

Details

The Hex color **00111A** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1A0900**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **2E3B45**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00111A**, and if you desaturate by 10%, it is **03121A**.

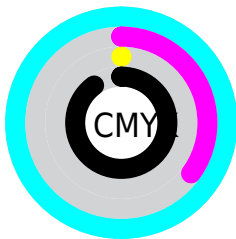
Distribution



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



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



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (90%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00111A 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 00111A by changing the saturation by 10% instead.

 00111A

 00111A

 E2F1FD

 000000

 2E3B45

 45525C

 5D6B75

 76848F

 909EA9

 AAB9C4

 C6D4E0

 00111A

■ 03121A

■ 05131A

■ 08141A

■ 0A151A

■ 0D151A

■ 10161A

■ 12171A

■ 15181A

■ 17191A

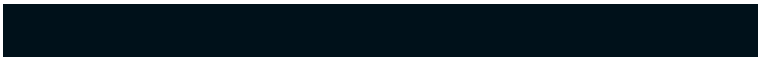
Harmonies

Analogous

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



001317



00111A



0A0F1A

Triad

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



00111A



1C090C



091101

Complementary

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



00111A



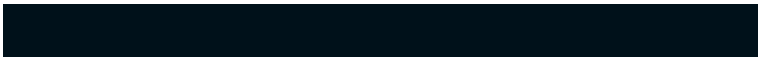
1A0900

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.



120F00



00111A



1C0A03

Square

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



00111A



190A14



190D00



001309

Rectangle

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



00111A



110D19



190D00



0D1100

Sweetspot

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



00111A



171E21



001A09



0B1012



919191



121212

Same Dimension

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



00111A



001621



00041A



0B0C0D



00324D



0085CC

Inverse Universe

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



1A0011



210016



1A1600



0D0B0C



4D0032



CC0085

Previews

White Background



This preview shows how the Hex color 00111A 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

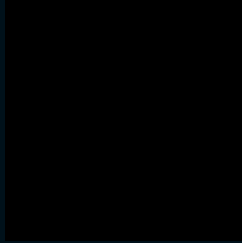
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

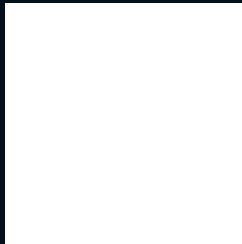
Any Text WCAG AAA × Fail

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

Hex 00111A Background



This preview shows how black text looks on a background with the Hex color 00111A.



This preview shows how white text looks on a background with the Hex color 00111A.

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
00111A

Protanopia
0D1019

Deuteranopia
0A101A



Tritanopia
001213

Trichromacy



Original Color

00111A

Protanomaly

081019

Deuteranomaly

06101A

Tritanomaly

001216

Monochromacy



Original Color

00111A

Achromatopsia

0D0D0D

Achromatomaly

080E12

CSS Examples

Text

The CSS property to change the color of the text to Hex 00111A 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 #00111A looks like.

```
.text, #text, p{  
    color:#00111A  
}
```

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 #00111A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00111A
}
```

Border

The CSS property to change the border of an element to Hex 00111A 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
#00111A }
```

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

```
.border{ border-color:#00111A }
```

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

Here you see how a box with a 4 pixel #00111A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00111A; -webkit-box-shadow:4px 4px  
4px 4px #00111A; box-shadow:4px 4px 4px  
4px #00111A }
```

Background

The CSS property to change the background color of an element to Hex 00111A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00111A }
```

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

```
.background{ background-color:#00111A }
```

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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