

Converting Colors

Hex(00111B)

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

Hex(00111B)	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(00111B)

Conversions

Conversions Part 1

Format	Color
Hex	00111B
RGB	0, 17, 27
RGB Percent	0%, 7%, 11%
CMY	1.0000, 0.9333, 0.8941
CMYK	1.00, 0.37, 0.00, 0.89
HSL	202°, 100%, 5%
HSV	202°, 100%, 11%
XYZ	0.3983, 0.4800, 1.1086
YIQ	13.0570, -13.3420, -0.4940

Conversions

Conversions Part 2

Format	Color
RYB	0, 10, 27
Decimal	4379
CIELab	4.34, -2.37, -8.29
CIELCh	4, 8.619, 254.006
Yxy	0.4800, 0.2005, 0.2416
Android (android.graphics.Color)	4278194459 (0xFF00111B)
YUV	13.0570, 6.8739, -11.4510
Hunter-Lab	6.9284, -1.8637, -4.6367

Details

The Hex color **00111B** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1B0A00**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **2E3B46**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00111B**, and if you desaturate by 10%, it is **03121B**.

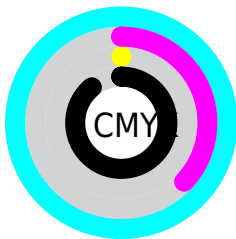
Distribution



- Red (0%)
- Green (7%)
- Blue (11%)



- Red (0%)
- Yellow (4%)
- Blue (11%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (89%)



- Cyan (100%)
- Magenta (93%)
- Yellow (89%)

Brightness & Saturation Gradients

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

■ 00111B

■ 00111B

■ E2F1FE

■ 000000

■ 2E3B46

■ 45525E

■ 5D6B76

■ 768490

■ 909EAA

■ AAB9C6

■ C6D4E2

■ 00111B

■ 03121B

■ 05131B

■ 08141B

■ 0B151B

■ 0E161B

■ 10171B

■ 13181B

■ 16191B

■ 181A1B

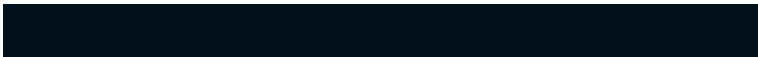
Harmonies

Analogous

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



001318



00111B



0B0E1B

Triad

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



00111B



1D090B



071200

Complementary

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



00111B



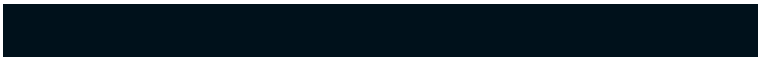
1B0A00

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.



111000



00111B



1C0A02

Square

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



00111B



1A0A13



180D00



00130A

Rectangle

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



00111B



120D1A



180D00



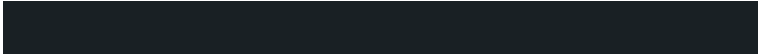
0B1100

Sweetspot

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



00111B



192024



001B0A



0B0F12



919191



121212

Same Dimension

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



00111B



001624



00041B



0B0C0D



00304D



0080CC

Inverse Universe

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



1B0011



240016



1B1700



0D0B0C



4D0030



CC0080

Previews

White Background



This preview shows how the Hex color 00111B 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

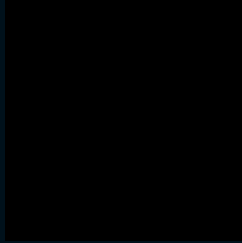
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

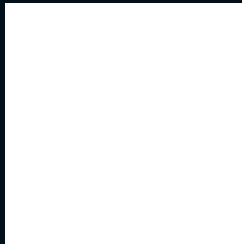
Any Text WCAG AAA × Fail

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

Hex 00111B Background



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



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

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
00111B

Protanopia
0C101A

Deuteranopia
09101B



Tritanopia
001213

Trichromacy



Original Color
00111B

Protanomaly
08101A

Deuteranomaly
06101B

Tritanomaly
001216

Monochromacy



Original Color
00111B

Achromatopsia
0D0D0D

Achromatomaly
080E12

CSS Examples

Text

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

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

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 #00111B colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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