

Converting Colors

Hex(00111F)

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

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Color

Hex(00111F)

Conversions

Conversions Part 1

Format	Color
Hex	00111F
RGB	0, 17, 31
RGB Percent	0%, 7%, 12%
CMY	1.0000, 0.9333, 0.8784
CMYK	1.00, 0.45, 0.00, 0.88
HSL	207°, 100%, 6%
HSV	207°, 100%, 12%
XYZ	0.4478, 0.4998, 1.3692
YIQ	13.5130, -14.6260, 0.7500

Conversions

Conversions Part 2

Format	Color
RYB	0, 11, 31
Decimal	4383
CIELab	4.51, -1.12, -11.14
CIELCh	5, 11.194, 264.267
Yxy	0.4998, 0.1933, 0.2157
Android (android.graphics.Color)	4278194463 (0xFF00111F)
YUV	13.5130, 8.6211, -11.8509
Hunter-Lab	7.0698, -1.0669, -6.5337

Details

The Hex color **00111F** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1F0E00**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **2E3B4B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00111F**, and if you desaturate by 10%, it is **03121F**.

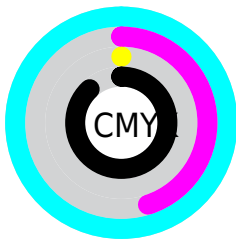
Distribution



- Red (0%)
- Green (7%)
- Blue (12%)



- Red (0%)
- Yellow (4%)
- Blue (12%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (88%)



- Cyan (100%)
- Magenta (93%)
- Yellow (88%)

Brightness & Saturation Gradients

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

 00111F

 00111F

 E2F1FF

 000004

 2E3B4B

 000000

 455263

 5D6B7C

 768495

 909EB0

 AAB9CB

 C6D4E8

 00111F

■ 03121F

■ 06141F

■ 09151F

■ 0C171F

■ 10181F

■ 13191F

■ 161B1F

■ 191C1F

■ 1C1E1F

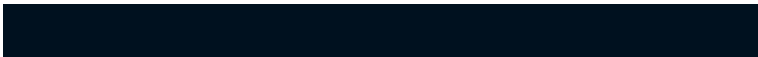
Harmonies

Analogous

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



00141C



00111F



0F0E1E

Triad

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



00111F



200806



001400

Complementary

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



00111F



1F0E00

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.



0D1200



00111F



1E0B00

Square

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



00111F



1F0812



170E00



00150D

Rectangle

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



00111F



170B1B



170E00



051300

Sweetspot

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



00111F



1D2329



001F0E



0D1114



949494



141414

Same Dimension

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



00111F



001629



00021F



0E0F0F



002B4F



0071CF

Inverse Universe

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



1F0011



290016



1F1D00



0F0E0F



4F002B



CF0071

Previews

White Background



This preview shows how the Hex color 00111F 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

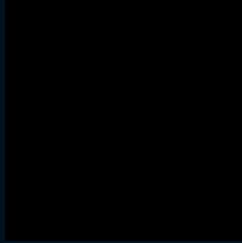
Any Text WCAG AA × Fail

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 00111F Background



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



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

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
00111F

Protanopia
0A101E

Deuteranopia
00111E



Tritanopia
001314

Trichromacy



Original Color
00111F

Protanomaly
06101E

Deuteranomaly
00111E

Tritanomaly
001218

Monochromacy



Original Color
00111F

Achromatopsia
0E0E0E

Achromatomaly
090F14

CSS Examples

Text

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

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

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 #00111F colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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