

Converting Colors

Hex(121E16)

Have a look what the booklet for
Hex(121E16) contains.

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Color

Hex(121E16)

Conversions

Conversions Part 1

Format	Color
Hex	121E16
RGB	18, 30, 22
RGB Percent	7%, 12%, 9%
CMY	0.9294, 0.8824, 0.9137
CMYK	0.40, 0.00, 0.27, 0.88
HSL	140°, 25%, 9%
HSV	140°, 40%, 12%
XYZ	0.8585, 1.1151, 0.9290
YIQ	25.5000, -4.5840, -5.0320

Conversions

Conversions Part 2

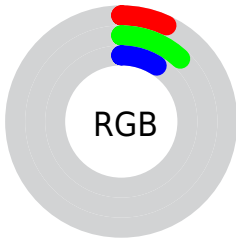
Format	Color
R_YB	18, 27, 30
Decimal	1187350
CIE Lab	9.92, -7.57, 3.81
CIE LCh	10, 8.477, 153.313
Yxy	1.1151, 0.2958, 0.3842
Android (android.graphics.Color)	4279377430 (0xFF121E16)
YUV	25.5000, -1.7255, -6.5775
Hunter-Lab	10.5597, -3.9667, 2.1755

Details

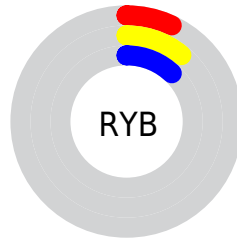
The Hex color **121E16** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1E121A**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **3C4A40**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0F1E14**, and if you desaturate by 10%, it is **151E18**.

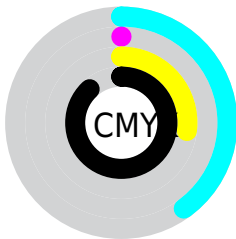
Distribution



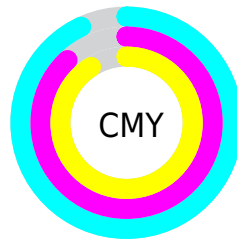
- Red (7%)
- Green (12%)
- Blue (9%)



- Red (7%)
- Yellow (11%)
- Blue (12%)



- Cyan (40%)
- Magenta (0%)
- Yellow (27%)
- Black (88%)



- Cyan (93%)
- Magenta (88%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 121E16 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 121E16 by changing the saturation by 10% instead.

■ 121E16

■ 121E16

■ F2FFF7

■ 000000

■ 3C4A40

■ 536258

■ 6C7A70

■ 859489

■ 9FAFA4

■ BACABF

■ D6E6DB

■ 121E16

■ 121E16

■ 0F1E14

■ 151E18

■ 0C1E12

■ 181E1A

■ 091E10

■ 1B1E1C

■ 061E0E

■ 1E1E1E

■ 031E0C

■ 211E20

■ 001E0A

■ 241E22

■ 271E24

■ 2A1E26

■ 2D1E28

Harmonies

Analogous

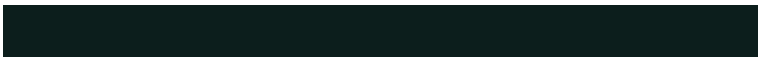
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



191D11



121E16



0C1E1C

Triad

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



121E16



151C27



261815

Complementary

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



121E16



1E121A

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.



26171B



121E16



1D1A25

Square

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



121E16



0D1D25



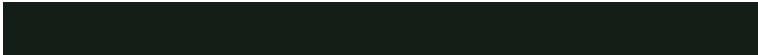
231821



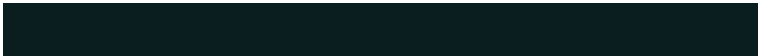
241911

Rectangle

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



121E16



0A1E20



231821



271717

Sweetspot

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



121E16



222623



1A1E12



121412



949494



141414

Same Dimension

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



121E16



14261A



121E1C



0E0F0E



004F1A



00CF45

Inverse Universe

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



1E121A



261420



1E1214



0F0E0F



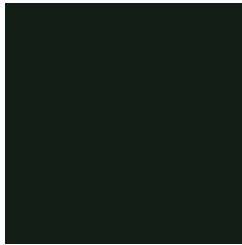
4F0035



CF008A

Previews

White Background



This preview shows how the Hex color 121E16 looks on a white background.

Color Contrast Check

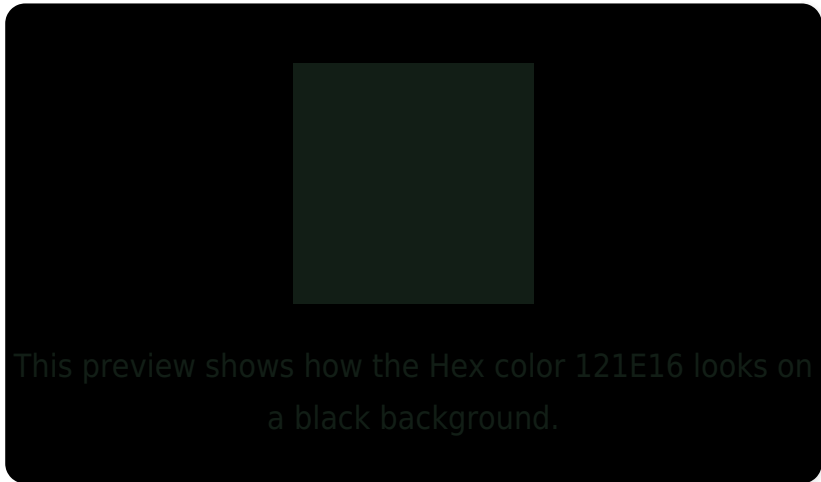
Large Text (above 18pt) WCAG AA ✓ Pass

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

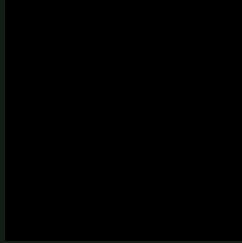
Any Text WCAG AA × Fail

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 121E16 Background



This preview shows how black text looks on a background with the Hex color 121E16.



This preview shows how white text looks on a background with the Hex color 121E16.

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](#).

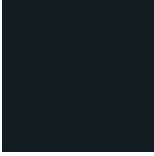
Dichromacy



Original Color
121E16

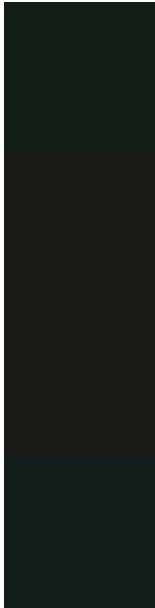
Protanopia
1D1B15

Deuteranopia
201A17



Tritanopia
141D1F

Trichromacy



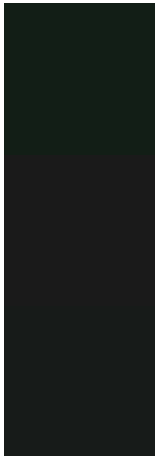
Original Color
121E16

Protanomaly
191C15

Deuteranomaly
1B1B17

Tritanomaly
131D1C

Monochromacy



Original Color
121E16

Achromatopsia
1A1A1A

Achromatomaly
171B19

CSS Examples

Text

The CSS property to change the color of the text to Hex 121E16 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 #121E16 looks like.

```
.text, #text, p{  
    color:#121E16  
}
```

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 #121E16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #121E16
}
```

Border

The CSS property to change the border of an element to Hex 121E16 is called "border". The border property can be set on classes, ids or directly on the HTML element.

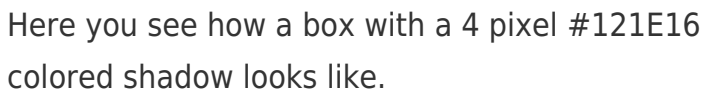
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#121E16 }
```

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

```
.border{ border-color:#121E16 }
```

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



Here you see how a box with a 4 pixel #121E16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #121E16; -webkit-box-shadow:4px 4px  
4px 4px #121E16; box-shadow:4px 4px 4px  
4px #121E16 }
```

Background

The CSS property to change the background color of an element to Hex 121E16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#121E16 }
```

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

```
.background{ background-color:#121E16 }
```

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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