

Converting Colors

Hex(121700)

Have a look what the booklet for
Hex(121700) contains.

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Color

Hex(121700)

Conversions

Conversions Part 1

Format	Color
Hex	121700
RGB	18, 23, 0
RGB Percent	7%, 9%, 0%
CMY	0.9294, 0.9098, 1.0000
CMYK	0.22, 0.00, 1.00, 0.91
HSL	73°, 100%, 5%
HSV	73°, 100%, 9%
XYZ	0.5559, 0.7414, 0.1138
YIQ	18.8830, 4.4030, -8.2130

Conversions

Conversions Part 2

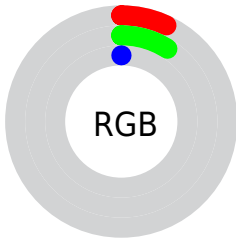
Format	Color
RYB	0, 23, 5
Decimal	1185536
CIELab	6.70, -6.10, 9.92
CIElCh	7, 11.642, 121.576
Yxy	0.7414, 0.3939, 0.5254
Android (android.graphics.Color)	4279375616 (0xFF121700)
YUV	18.8830, -9.3093, -0.7744
Hunter-Lab	8.6104, -3.5450, 5.2436

Details

The Hex color **121700** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **050017**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **3C4130**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **121700**, and if you desaturate by 10%, it is **131702**.

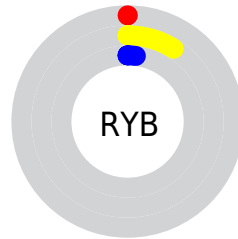
Distribution



Red (7%)

Green (9%)

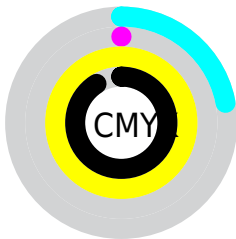
Blue (0%)



Red (0%)

Yellow (9%)

Blue (2%)

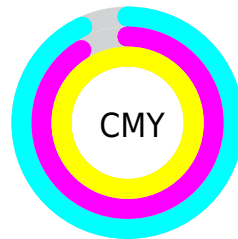


Cyan (22%)

Magenta (0%)

Yellow (100%)

Black (91%)



Cyan (93%)

Magenta (91%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 121700 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 121700 by changing the saturation by 10% instead.

 121700

 121700

 F2F8E2

 000000

 3C4130

 535946

 6B715E

 848B77

 9EA590

 B9C0AB

 D5DCC6

 121700

■ 131702

■ 131705

■ 141707

■ 141709

■ 15170C

■ 15170E

■ 161710

■ 161712

■ 171715

Harmonies

Analogous

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



1B1400



121700



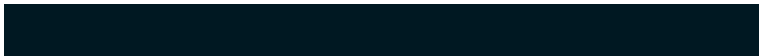
04190A

Triad

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



121700



001822



230E15

Complementary

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



121700



050017

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.



1F101C



121700



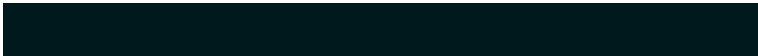
091524

Square

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



121700



00191D



161322



240F0A

Rectangle

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



121700



001A12



161322



220F17

Sweetspot

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



121700



1D1F15



170500



0E0F0A



8F8F8F



0F0F0F

Same Dimension

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



121700



181F00



071700



0C0D0B



3C4D00



A0CC00

Inverse Universe

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



050017



07001F



100017



0C0B0D



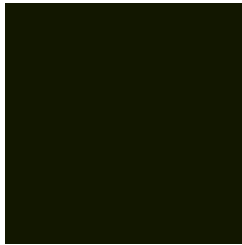
11004D



2C00CC

Previews

White Background



This preview shows how the Hex color 121700 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

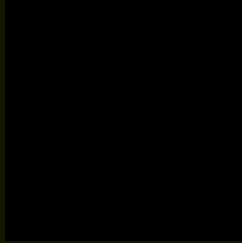
Any Text WCAG AA × Fail

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 121700 Background



This preview shows how black text looks on a background with the Hex color 121700.

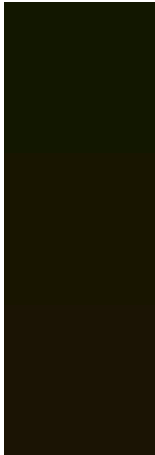


This preview shows how white text looks on a background with the Hex color 121700.

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
121700

Protanopia
181500

Deuteranopia
1B1404



Tritanopia
141517

Trichromacy



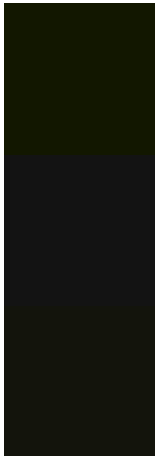
Original Color
121700

Protanomaly
161600

Deuteranomaly
181503

Tritanomaly
13160F

Monochromacy



Original Color
121700

Achromatopsia
131313

Achromatomaly
13140C

CSS Examples

Text

The CSS property to change the color of the text to Hex 121700 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 #121700 looks like.

```
.text, #text, p{  
    color:#121700  
}
```

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 #121700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #121700
}
```

Border

The CSS property to change the border of an element to Hex 121700 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
#121700 }
```

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

```
.border{ border-color:#121700 }
```

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

Here you see how a box with a 4 pixel #121700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #121700; -webkit-box-shadow:4px 4px  
4px 4px #121700; box-shadow:4px 4px 4px  
4px #121700 }
```

Background

The CSS property to change the background color of an element to Hex 121700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#121700 }
```

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

```
.background{ background-color:#121700 }
```

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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