

Converting Colors

Hex(121400)

Have a look what the booklet for
Hex(121400) contains.

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Color

Hex(121400)

Conversions

Conversions Part 1

Format	Color
Hex	121400
RGB	18, 20, 0
RGB Percent	7%, 8%, 0%
CMY	0.9294, 0.9216, 1.0000
CMYK	0.10, 0.00, 1.00, 0.92
HSL	66°, 100%, 4%
HSV	66°, 100%, 8%
XYZ	0.4996, 0.6289, 0.0951
YIQ	17.1220, 5.2280, -6.6440

Conversions

Conversions Part 2

Format	Color
RYB	0, 20, 2
Decimal	1184768
CIELab	5.68, -4.02, 8.43
CIELCh	6, 9.344, 115.485
Yxy	0.6289, 0.4083, 0.5140
Android (android.graphics.Color)	4279374848 (0xFF121400)
YUV	17.1220, -8.4411, 0.7700
Hunter-Lab	7.9304, -2.6328, 4.8406

Details

The Hex color **121400** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **020014**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **3C3E30**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **121400**, and if you desaturate by 10%, it is **121402**.

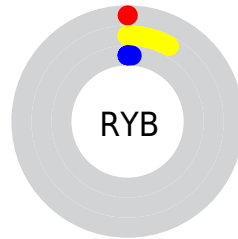
Distribution



Red (7%)

Green (8%)

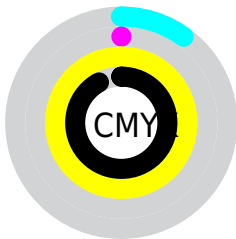
Blue (0%)



Red (0%)

Yellow (8%)

Blue (1%)

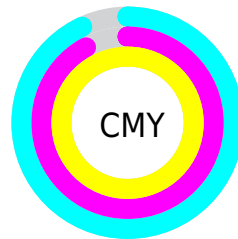


Cyan (10%)

Magenta (0%)

Yellow (100%)

Black (92%)



Cyan (93%)

Magenta (92%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 121400 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 121400 by changing the saturation by 10% instead.

 121400

 121400

 F2F4E2

 000000

 3C3E30

 535546

 6B6E5E

 848777

 9FA190

 BABCAB

 D5D8C6

 121400

■ 121402

■ 121404

■ 131406

■ 131408

■ 13140A

■ 13140C

■ 13140E

■ 141410

■ 141412

Harmonies

Analogous

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



1A1200



121400



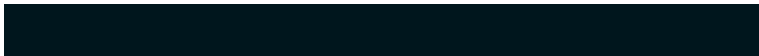
071607

Triad

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



121400



00161D



1F0D14

Complementary

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



121400



020014

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.



1A0F1A



121400



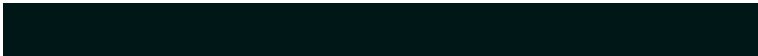
07141F

Square

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



121400



001718



13111E



200D0B

Rectangle

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



121400



00170E



13111E



1D0E16

Sweetspot

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



121400



191A12



140200



0C0D08



8C8C8C



0D0D0D

Same Dimension

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



121400



171A00



081400



0A0A09



434A00



B5C900

Inverse Universe

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



020014



03001A



0C0014



09090A



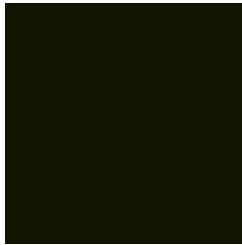
07004A



1400C9

Previews

White Background



This preview shows how the Hex color 121400 looks on a white background.

Color Contrast Check

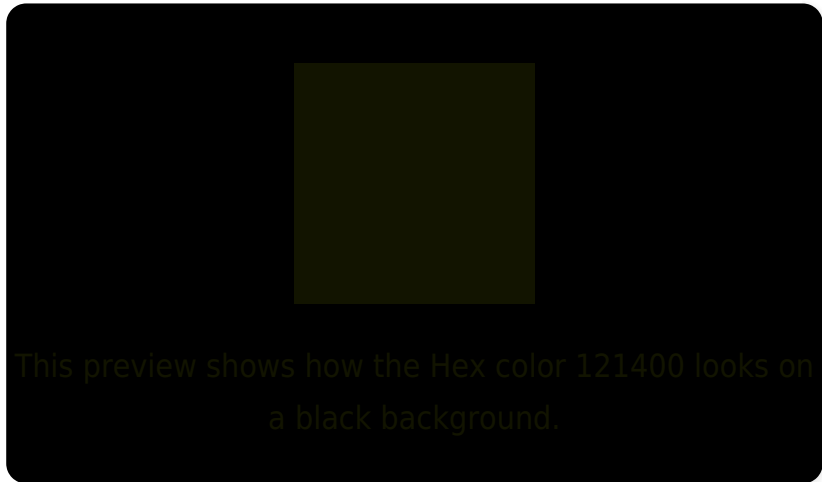
Large Text (above 18pt) WCAG AA ✓ Pass

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

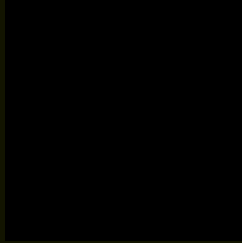
Any Text WCAG AA × Fail

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 121400 Background



This preview shows how black text looks on a background with the Hex color 121400.

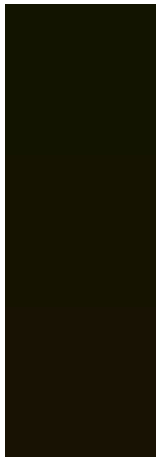


This preview shows how white text looks on a background with the Hex color 121400.

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
121400

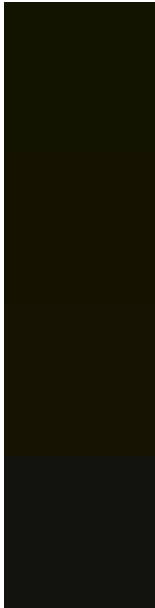
Protanopia
151300

Deuteranopia
181203



Tritanopia
131314

Trichromacy



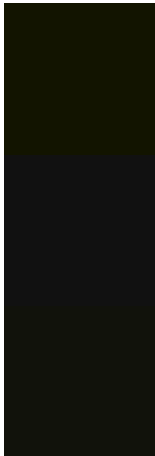
Original Color
121400

Protanomaly
141300

Deuteranomaly
161302

Tritanomaly
13130D

Monochromacy



Original Color
121400

Achromatopsia
111111

Achromatomaly
11120B

CSS Examples

Text

The CSS property to change the color of the text to Hex 121400 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 #121400 looks like.

```
.text, #text, p{  
    color:#121400  
}
```

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 #121400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #121400
}
```

Border

The CSS property to change the border of an element to Hex 121400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

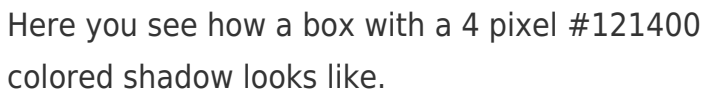
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#121400 }
```

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

```
.border{ border-color:#121400 }
```

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



Here you see how a box with a 4 pixel #121400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #121400; -webkit-box-shadow:4px 4px  
4px 4px #121400; box-shadow:4px 4px 4px  
4px #121400 }
```

Background

The CSS property to change the background color of an element to Hex 121400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#121400 }
```

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

```
.background{ background-color:#121400 }
```

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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