

Converting Colors

Hex(121100)

Have a look what the booklet for
Hex(121100) contains.

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Color

Hex(121100)

Conversions

Conversions Part 1

Format	Color
Hex	121100
RGB	18, 17, 0
RGB Percent	7%, 7%, 0%
CMY	0.9294, 0.9333, 1.0000
CMYK	0.00, 0.06, 1.00, 0.93
HSL	57°, 100%, 4%
HSV	57°, 100%, 7%
XYZ	0.4499, 0.5295, 0.0785
YIQ	15.3610, 6.0530, -5.0750

Conversions

Conversions Part 2

Format	Color
RYB	1, 18, 0
Decimal	1184000
CIELab	4.78, -2.19, 7.12
CIELCh	5, 7.452, 107.060
Yxy	0.5295, 0.4253, 0.5005
Android (android.graphics.Color)	4279374080 (0xFF121100)
YUV	15.3610, -7.5730, 2.3144
Hunter-Lab	7.2766, -1.6978, 4.4541

Details

The Hex color **121100** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **000112**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **3C3B30**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **121100**, and if you desaturate by 10%, it is **121102**.

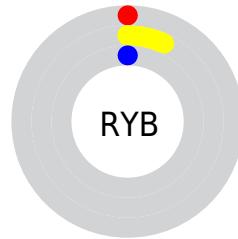
Distribution



Red (7%)

Green (7%)

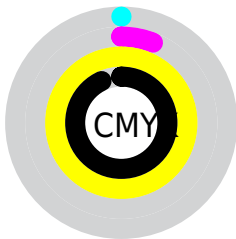
Blue (0%)



Red (0%)

Yellow (7%)

Blue (0%)

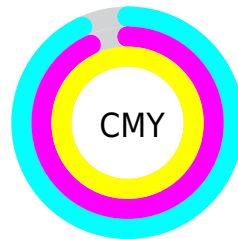


Cyan (0%)

Magenta (6%)

Yellow (100%)

Black (93%)



Cyan (93%)

Magenta (93%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 121100 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 121100 by changing the saturation by 10% instead.

■ 121100

■ 121100

■ F2F1E2

■ 000000

■ 3C3B30

■ 535246

■ 6B6B5E

■ 848477

■ 9F9E90

■ BAB9AB

■ D5D4C6

■ 121100

■ 121102

■ 121104

■ 121105

■ 121107

■ 121109

■ 12120B

■ 12120D

■ 12120E

■ 121210

Harmonies

Analogous

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



180F00



121100



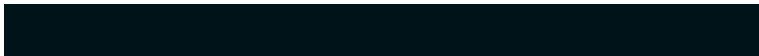
091305

Triad

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



121100



001318



1A0C13

Complementary

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



121100



000112

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.



160D18



121100



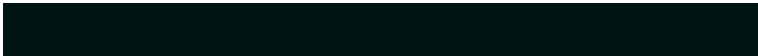
05121B

Square

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



121100



001414



0E101A



1C0C0C

Rectangle

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



121100



03140A



0E101A



190C15

Sweetspot

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



121100



171710



120001



0D0C08



8C8C8C



0D0D0D

Same Dimension

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



121100



171600



0A1200



0A0A09



4A4600



C9BE00

Inverse Universe

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



000112



000117



080012



09090A



00044A



000BC9

Previews

White Background



This preview shows how the Hex color 121100 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

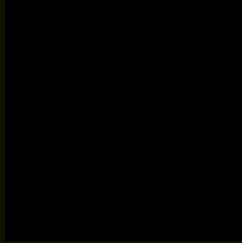
Any Text WCAG AA × Fail

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 121100 Background



This preview shows how black text looks on a background with the Hex color 121100.

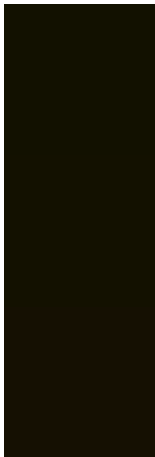


This preview shows how white text looks on a background with the Hex color 121100.

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
121100

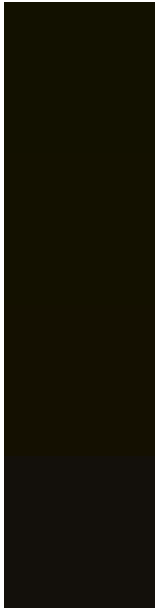
Protanopia
131100

Deuteranopia
151002



Tritanopia
131011

Trichromacy



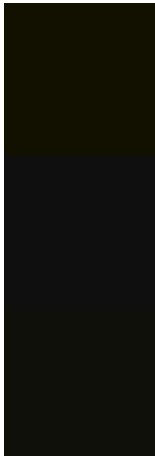
Original Color
121100

Protanomaly
131100

Deuteranomaly
141001

Tritanomaly
13100B

Monochromacy



Original Color
121100

Achromatopsia
0F0F0F

Achromatomaly
10100A

CSS Examples

Text

The CSS property to change the color of the text to Hex 121100 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 #121100 looks like.

```
.text, #text, p{  
    color:#121100  
}
```

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 #121100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #121100
}
```

Border

The CSS property to change the border of an element to Hex 121100 is called "border". The border property can be set on classes, ids or directly on the HTML element.

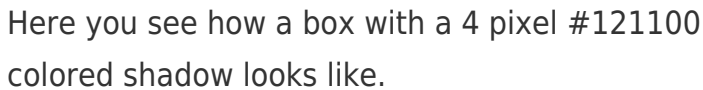
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#121100 }
```

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

```
.border{ border-color:#121100 }
```

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



Here you see how a box with a 4 pixel #121100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #121100; -webkit-box-shadow:4px 4px  
4px 4px #121100; box-shadow:4px 4px 4px  
4px #121100 }
```

Background

The CSS property to change the background color of an element to Hex 121100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#121100 }
```

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

```
.background{ background-color:#121100 }
```

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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