

Converting Colors

Hex(112001)

Have a look what the booklet for
Hex(112001) contains.

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Color

Hex(112001)

Conversions

Conversions Part 1

Format	Color
Hex	112001
RGB	17, 32, 1
RGB Percent	7%, 13%, 0%
CMY	0.9333, 0.8745, 0.9961
CMYK	0.47, 0.00, 0.97, 0.87
HSL	89°, 94%, 6%
HSV	89°, 97%, 13%
XYZ	0.7532, 1.1544, 0.2118
YIQ	23.9810, 1.0110, -12.8210

Conversions

Conversions Part 2

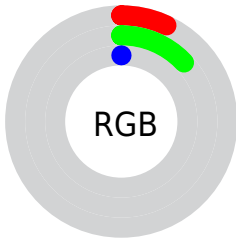
Format	Color
R_{YB}	1, 32, 16
Decimal	1122305
CIE _{Lab}	10.22, -13.18, 14.58
CIE _{LCh}	10, 19.661, 132.113
Yxy	1.1544, 0.3554, 0.5447
Android (android.graphics.Color)	4279312385 (0xFF112001)
YUV	23.9810, -11.3296, -6.1223
Hunter-Lab	10.7442, -6.2898, 6.3520

Details

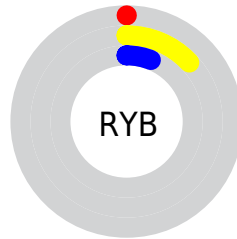
The Hex color **112001** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **100120**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **3A4C30**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **112000**, and if you desaturate by 10%, it is **132004**.

Distribution



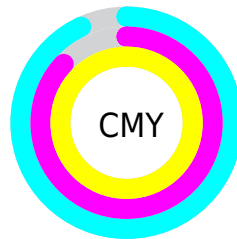
- Red (7%)
- Green (13%)
- Blue (0%)



- Red (0%)
- Yellow (13%)
- Blue (6%)



- Cyan (47%)
- Magenta (0%)
- Yellow (97%)
- Black (87%)




- Cyan (93%)
- Magenta (87%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 112001 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 112001 by changing the saturation by 10% instead.

 112001

 112001

 F1FFE3

 000100

 3A4C30

 000000

 526447


 6A7D5E


 839777

 9EB291

 B9CDAB

 D4EAC7

 112001

 112001

■ 112000

■ 132004

■ 142007

■ 16200B

■ 17200E

■ 192011

■ 1A2014

■ 1C2017

■ 1D201B

■ 1F201E

Harmonies

Analogous

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



1F1D00



112001



002213

Triad

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



112001



002035



341017

Complementary

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



112001



100120

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.



301124



112001



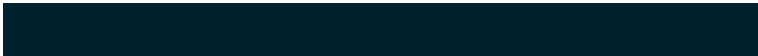
0C1C36

Square

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



112001



00222D



241630



321306

Rectangle

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



112001



00231C



241630



340F1C

Sweetspot

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



112001



23291D



201001



11140D



949494



141414

Same Dimension

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



112001



152900



022001



0F0F0E



294F00



6BCF00

Inverse Universe

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



100120



140029



1F0120



0F0E0F



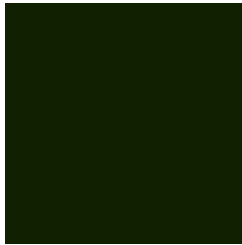
26004F



6400CF

Previews

White Background



This preview shows how the Hex color 112001 looks on a white background.

Color Contrast Check

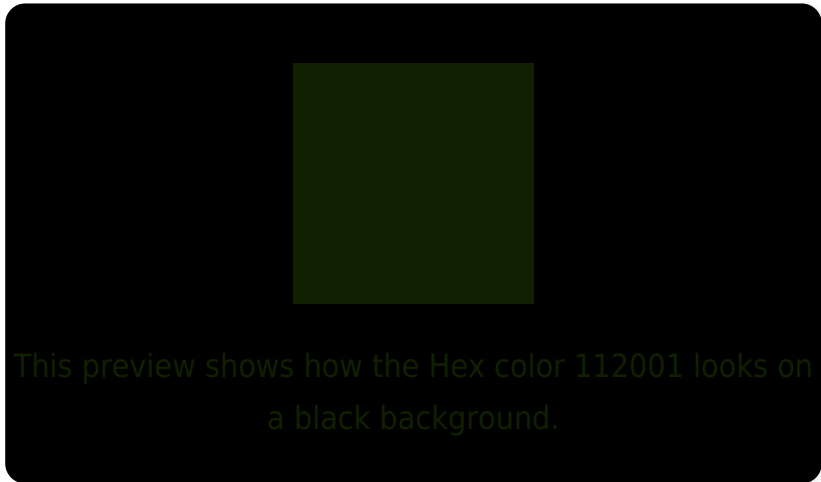
Large Text (above 18pt) WCAG AA ✓ Pass

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

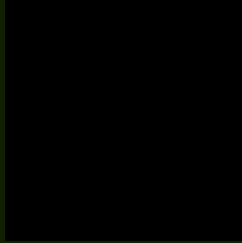
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

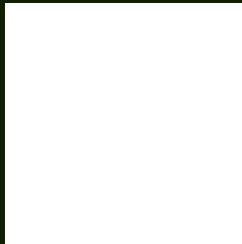
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 112001 Background



This preview shows how black text looks on a background with the Hex color 112001.



This preview shows how white text looks on a background with the Hex color 112001.

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
112001

Protanopia
201C00

Deuteranopia
241B07



Tritanopia
151E20

Trichromacy



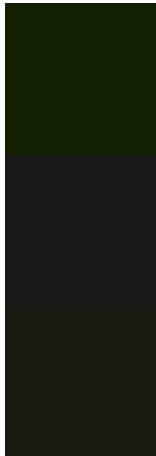
Original Color
112001

Protanomaly
1B1D00

Deuteranomaly
1D1D05

Tritanomaly
141F15

Monochromacy



Original Color
112001

Achromatopsia
181818

Achromatomaly
151B10

CSS Examples

Text

The CSS property to change the color of the text to Hex 112001 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 #112001 looks like.

```
.text, #text, p{  
    color:#112001  
}
```

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 #112001 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #112001
}
```

Border

The CSS property to change the border of an element to Hex 112001 is called "border". The border property can be set on classes, ids or directly on the HTML element.

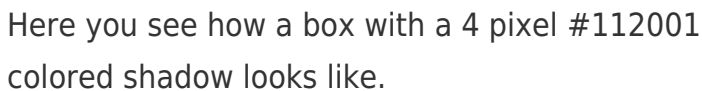
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#112001 }
```

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

```
.border{ border-color:#112001 }
```

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



Here you see how a box with a 4 pixel #112001 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #112001; -webkit-box-shadow:4px 4px  
4px 4px #112001; box-shadow:4px 4px 4px  
4px #112001 }
```

Background

The CSS property to change the background color of an element to Hex 112001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#112001 }
```

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

```
.background{ background-color:#112001 }
```

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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