

Converting Colors

Hex(122103)

Have a look what the booklet for
Hex(122103) contains.

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Color

Hex(122103)

Conversions

Conversions Part 1

Format	Color
Hex	122103
RGB	18, 33, 3
RGB Percent	7%, 13%, 1%
CMY	0.9294, 0.8706, 0.9882
CMYK	0.45, 0.00, 0.91, 0.87
HSL	90°, 83%, 7%
HSV	90°, 91%, 13%
XYZ	0.8097, 1.2229, 0.2795
YIQ	25.0950, 0.6900, -12.5100

Conversions

Conversions Part 2

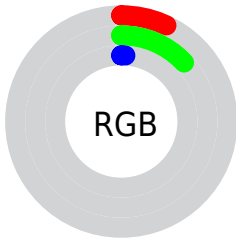
Format	Color
R_{YB}	3, 33, 18
Decimal	1188099
CIE Lab	10.73, -13.06, 14.49
CIE LCh	11, 19.509, 132.019
Yxy	1.2229, 0.3502, 0.5289
Android (android.graphics.Color)	4279378179 (0xFF122103)
YUV	25.0950, -10.8928, -6.2223
Hunter-Lab	11.0584, -6.2817, 6.2423

Details

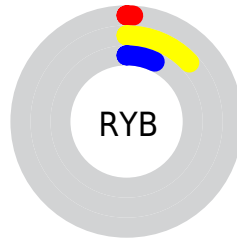
The Hex color **122103** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **120321**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **3C4D31**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **112100**, and if you desaturate by 10%, it is **142106**.

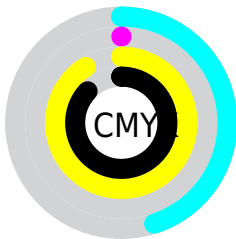
Distribution



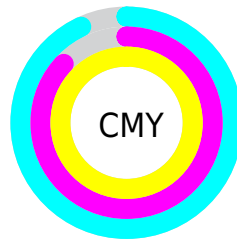
- Red (7%)
- Green (13%)
- Blue (1%)



- Red (1%)
- Yellow (13%)
- Blue (7%)



- Cyan (45%)
- Magenta (0%)
- Yellow (91%)
- Black (87%)



- Cyan (93%)
- Magenta (87%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 122103 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 122103 by changing the saturation by 10% instead.

 122103

 122103

 F2FFE4

 000500

 3C4D31

 000000

 536548

 6B7E60

 859879

 9FB392

 BACFAD

 D6EBC8

 122103

 122103

■ 112100

■ 142106

■ 15210A

■ 17210D

■ 192110

■ 1A2114

■ 1C2117

■ 1E211A

■ 1F211D

■ 212121

Harmonies

Analogous

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



211E00



122103



002314

Triad

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



122103



002136



351118

Complementary

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



122103



120321

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.



311225



122103



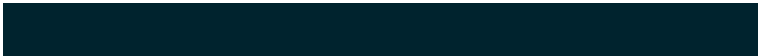
0E1D37

Square

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



122103



00232E



251731



331408

Rectangle

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



122103



00231D



251731



35111D

Sweetspot

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



122103



252B20



211203



131710



969696



171717

Same Dimension

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



122103



162B00



032103



0F0F0E



284F00



67CF00

Inverse Universe

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



120321



16002B



210321



0F0E0F



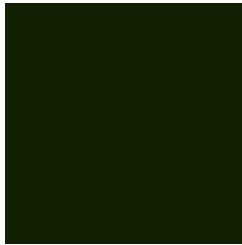
28004F



6700CF

Previews

White Background



This preview shows how the Hex color 122103 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

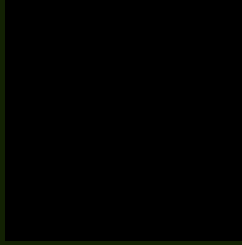
Any Text WCAG AA × Fail

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 122103 Background



This preview shows how black text looks on a background with the Hex color 122103.



This preview shows how white text looks on a background with the Hex color 122103.

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
122103

Protanopia
211D00

Deuteranopia
251C07



Tritanopia
161F21

Trichromacy



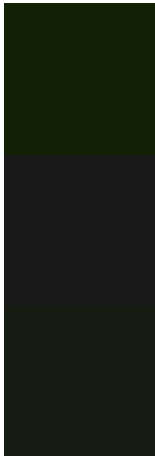
Original Color
122103

Protanomaly
1C1E01

Deuteranomaly
1E1E06

Tritanomaly
152016

Monochromacy



Original Color
122103

Achromatopsia
191919

Achromatomaly
161C11

CSS Examples

Text

The CSS property to change the color of the text to Hex 122103 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 #122103 looks like.

```
.text, #text, p{  
    color:#122103  
}
```

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 #122103 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #122103
}
```

Border

The CSS property to change the border of an element to Hex 122103 is called "border". The border property can be set on classes, ids or directly on the HTML element.

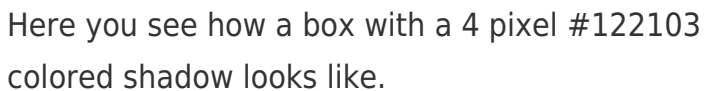
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#122103 }
```

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

```
.border{ border-color:#122103 }
```

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



Here you see how a box with a 4 pixel #122103 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #122103; -webkit-box-shadow:4px 4px  
4px 4px #122103; box-shadow:4px 4px 4px  
4px #122103 }
```

Background

The CSS property to change the background color of an element to Hex 122103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#122103 }
```

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

```
.background{ background-color:#122103 }
```

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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