

Converting Colors

Hex(102922)

Have a look what the booklet for
Hex(102922) contains.

Hex(102922)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(102922)

Conversions

Conversions Part 1

Format	Color
Hex	102922
RGB	16, 41, 34
RGB Percent	6%, 16%, 13%
CMY	0.9373, 0.8392, 0.8667
CMYK	0.61, 0.00, 0.17, 0.84
HSL	163°, 44%, 11%
HSV	163°, 61%, 16%
XYZ	1.2954, 1.8115, 1.7948
YIQ	32.7270, -12.6530, -7.4770

Conversions

Conversions Part 2

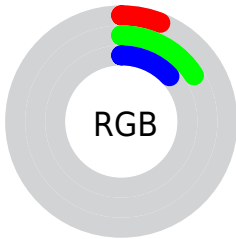
Format	Color
R_{YB}	16, 31, 41
Decimal	1059106
CIE Lab	14.47, -11.88, 1.63
CIE LCh	14, 11.995, 172.204
Yxy	1.8115, 0.2643, 0.3696
Android (android.graphics.Color)	4279249186 (0xFF102922)
YUV	32.7270, 0.6276, -14.6696
Hunter-Lab	13.4593, -6.3745, 1.5154

Details

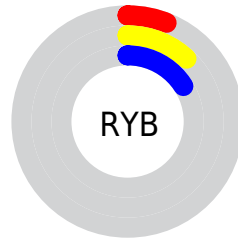
The Hex color **102922** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **291017**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **3C564E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0C2921**, and if you desaturate by 10%, it is **142923**.

Distribution



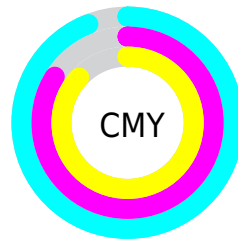
- Red (6%)
- Green (16%)
- Blue (13%)



- Red (6%)
- Yellow (12%)
- Blue (16%)



- Cyan (61%)
- Magenta (0%)
- Yellow (17%)
- Black (84%)



- Cyan (94%)
- Magenta (84%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 102922 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 102922 by changing the saturation by 10% instead.

 102922

 102922

 F4FFFF

 00150C

 3C564E

 000000

 546F66

 6C887F

 86A399

 A0BEB4

 BBD9CF

 D7F6EC

 102922

 102922

■ 0C2921

■ 142923

■ 082920

■ 182924

■ 04291F

■ 1C2925

■ 00291E

■ 202927

■ 252928

■ 292929

■ 2D292A

■ 31292B

■ 35292C

Harmonies

Analogous

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



1A281A



102922



08292B

Triad

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



102922



232334



322018

Complementary

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



102922



291017

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.



351E1F



102922



2D202F

Square

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



102922



162635



341E27



2C2314

Rectangle

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



102922



082930



341E27



34201A

Sweetspot

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



102922



2C3633



172910



161C1A



9C9C9C



1C1C1C

Same Dimension

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



102922



0E362B



102429



121414



00543D



00D498

Inverse Universe

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



291017



360E19



291510



141213



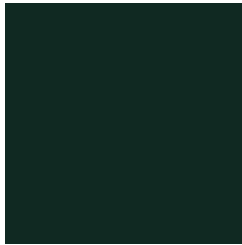
540018



D4003B

Previews

White Background



This preview shows how the Hex color 102922 looks on a white background.

Color Contrast Check

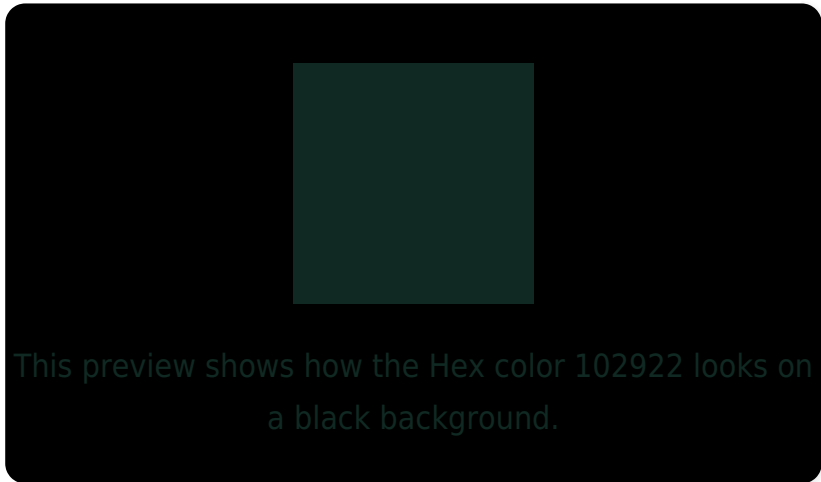
Large Text (above 18pt) WCAG AA ✓ Pass

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

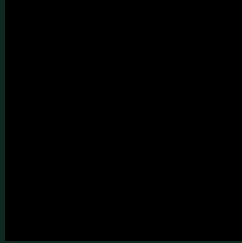
Any Text WCAG AA × Fail

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 102922 Background



This preview shows how black text looks on a background with the Hex color 102922.



This preview shows how white text looks on a background with the Hex color 102922.

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
102922

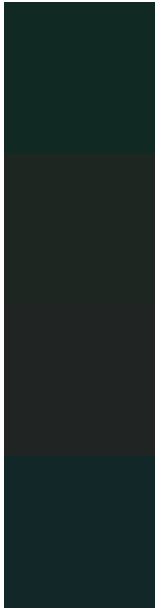
Protanopia
262520

Deuteranopia
292323



Tritanopia
13282B

Trichromacy



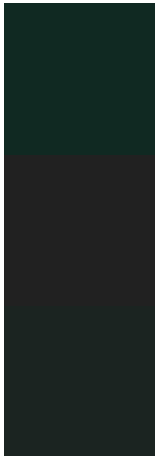
Original Color
102922

Protanomaly
1E2621

Deuteranomaly
202523

Tritanomaly
122828

Monochromacy



Original Color
102922

Achromatopsia
212121

Achromatomaly
1B2421

CSS Examples

Text

The CSS property to change the color of the text to Hex 102922 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 #102922 looks like.

```
.text, #text, p{  
    color:#102922  
}
```

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 #102922 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #102922
}
```

Border

The CSS property to change the border of an element to Hex 102922 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".

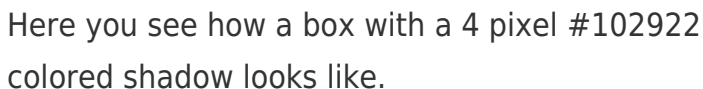
```
.border, #border, table{ border:4px solid
#102922 }
```

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

```
.border{ border-color:#102922 }
```

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

Here you see how a box with a 4 pixel #102922 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #102922; -webkit-box-shadow:4px 4px  
4px 4px #102922; box-shadow:4px 4px 4px  
4px #102922 }
```

Background

The CSS property to change the background color of an element to Hex 102922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#102922 }
```

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

```
.background{ background-color:#102922 }
```

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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