

Converting Colors

Hex(100902)

Have a look what the booklet for
Hex(100902) contains.

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Color

Hex(100902)

Conversions

Conversions Part 1

Format	Color
Hex	100902
RGB	16, 9, 2
RGB Percent	6%, 4%, 1%
CMY	0.9373, 0.9647, 0.9922
CMYK	0.00, 0.44, 0.88, 0.94
HSL	30°, 78%, 4%
HSV	30°, 88%, 6%
XYZ	0.3223, 0.3099, 0.1003
YIQ	10.2950, 6.4190, -0.6930

Conversions

Conversions Part 2

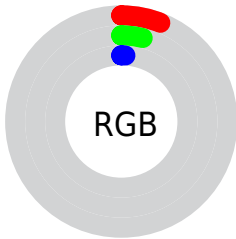
Format	Color
RYB	16, 16, 2
Decimal	1050882
CIELab	2.80, 1.14, 3.39
CIELCh	3, 3.578, 71.467
Yxy	0.3099, 0.4400, 0.4231
Android (android.graphics.Color)	4279240962 (0xFF100902)
YUV	10.2950, -4.0894, 5.0033
Hunter-Lab	5.5670, 0.5929, 2.8291

Details

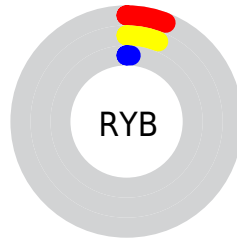
The Hex color **100902** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **020910**, and the grayscale version is **0A0A0A**.

A 20% lighter version of the original color is **3A3631**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **100800**, and if you desaturate by 10%, it is **100A04**.

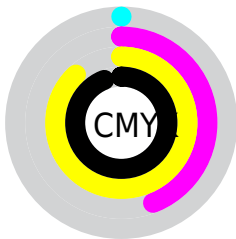
Distribution



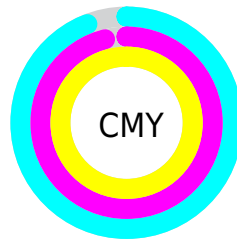
- Red (6%)
- Green (4%)
- Blue (1%)



- Red (6%)
- Yellow (6%)
- Blue (1%)



- Cyan (0%)
- Magenta (44%)
- Yellow (88%)
- Black (94%)



- Cyan (94%)
- Magenta (96%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 100902 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 100902 by changing the saturation by 10% instead.

■ 100902

■ 100902

■ F0E9E4

■ 000000

■ 3A3631

■ 514C48

■ 696460

■ 837D78

■ 9D9792

■ B8B2AC

■ D3CDC8

■ 100902

■ 100902

■ 100800

■ 100A04

■ 100B05

■ 100B07

■ 100C08

■ 100D0A

■ 100E0C

■ 100F0D

■ 100F0F

■ 101010

Harmonies

Analogous

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



120805



100902



0C0A02

Triad

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



100902



000D0C



0D0910

Complementary

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



100902



020910

Split Complementary

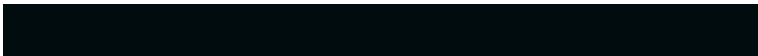
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



080A11



100902



010C0F

Square

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



100902



030D07



030B11



10080D

Rectangle

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



100902



090B03



030B11



0C0910

Sweetspot

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



100902



14120F



100209



0A0907



8A8A8A



0A0A0A

Same Dimension

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



100902



140A00



101002



080707



472400



C76300

Inverse Universe

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



020910



000A14



020210



070708



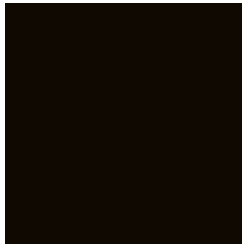
002447



0063C7

Previews

White Background



This preview shows how the Hex color 100902 looks on a white background.

Color Contrast Check

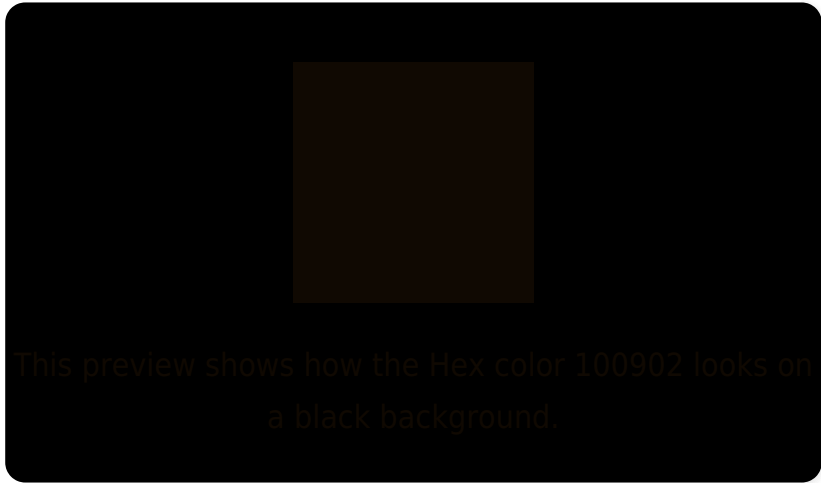
Large Text (above 18pt) WCAG AA ✓ Pass

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

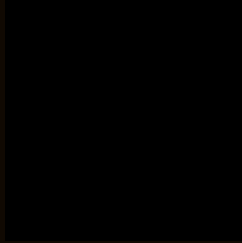
Any Text WCAG AA × Fail

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 100902 Background



This preview shows how black text looks on a background with the Hex color 100902.

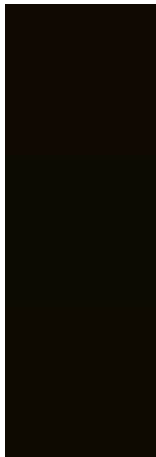


This preview shows how white text looks on a background with the Hex color 100902.

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
100902

Protanopia
0C0B02

Deuteranopia
0E0A01



Tritanopia
100809

Trichromacy



Original Color

100902

Protanomaly

0D0A02

Deuteranomaly

0F0A01

Tritanomaly

100806

Monochromacy



Original Color

100902

Achromatopsia

0A0A0A

Achromatomaly

0C0A07

CSS Examples

Text

The CSS property to change the color of the text to Hex 100902 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 #100902 looks like.

```
.text, #text, p{  
    color:#100902  
}
```

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 #100902 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #100902
}
```

Border

The CSS property to change the border of an element to Hex 100902 is called "border". The border property can be set on classes, ids or directly on the HTML element.

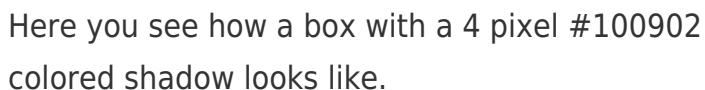
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#100902 }
```

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

```
.border{ border-color:#100902 }
```

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



Here you see how a box with a 4 pixel #100902 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #100902; -webkit-box-shadow:4px 4px  
4px 4px #100902; box-shadow:4px 4px 4px  
4px #100902 }
```

Background

The CSS property to change the background color of an element to Hex 100902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#100902 }
```

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

```
.background{ background-color:#100902 }
```

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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