

# Converting Colors

Hex(02910B)

Have a look what the booklet for  
Hex(02910B) contains.

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**Color**

**Hex(02910B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	02910B
RGB	2, 145, 11
RGB Percent	1%, 57%, 4%
CMY	0.9922, 0.4314, 0.9569
CMYK	0.99, 0.00, 0.92, 0.43
HSL	124°, 97%, 29%
HSV	124°, 99%, 57%
XYZ	10.2108, 20.2879, 3.6944
YIQ	86.9670, -42.2140, -71.9900

# Conversions

## Conversions Part 2

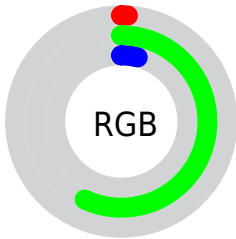
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	2, 137, 145
Decimal	168203
CIE <sub>Lab</sub>	52.16, -56.11, 52.77
CIE <sub>LCh</sub>	52, 77.026, 136.755
Yxy	20.2879, 0.2986, 0.5933
Android (android.graphics.Color)	4278358283 (0xFF02910B)
YUV	86.9670, -37.4517, -74.5161
Hunter-Lab	45.0421, -38.3584, 26.6664

# Details

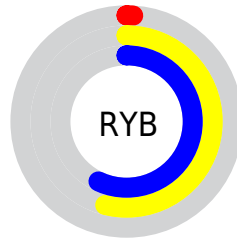
The Hex color **02910B** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **910288**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **57C848**, and **005D00** is the 20% darker color. If you saturate the color by 10%, you get **009109**, and if you desaturate by 10%, it is **109119**.

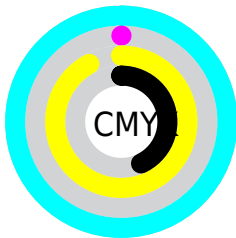
# Distribution



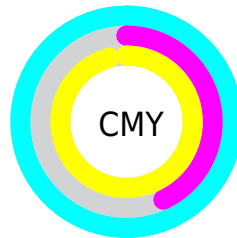
- Red (1%)
- Green (57%)
- Blue (4%)



- Red (1%)
- Yellow (54%)
- Blue (57%)



- Cyan (99%)
- Magenta (0%)
- Yellow (92%)
- Black (43%)



- Cyan (99%)
- Magenta (43%)
- Yellow (96%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 02910B 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 02910B by changing the saturation by 10% instead.



 02910B

 02910B

FFFFFF

 007600

 57C848

 005D00

 75E563

 004400

 93FF7E

 002E00

 B0FF99

 000E00

 CEFFB5

 000000

 ECFFD1

 FFFFEE

 02910B

 02910B

■ 009109

■ 109119

■ 1F9126

■ 2D9134

■ 3C9141

■ 4A914F

■ 59915D

■ 67916A

■ 769178

■ 849185

# Harmonies

## Analogous

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



748500



02910B



00975C

# Triad

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



02910B



008DFE



EE265B

# Complementary

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



02910B



910288

# 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.



E12C9D



02910B



0078FD

# Square

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



02910B



0096DC



AB56D8



DA4D19

# Rectangle

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



02910B



00998A



AB56D8



EE1F71



# Sweetspot

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



02910B



84BD88



8A9102



3C5E3F



DEDEDE



5E5E5E



# Same Dimension

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



02910B



00BD0C



029151



404741



008709



000800



# Inverse Universe

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



910288



BD00B1



910242



474047



87007F

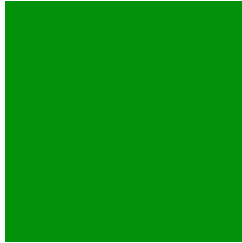


080007



# Previews

## White Background



This preview shows how the Hex color 02910B looks on a white background.

## Color Contrast Check

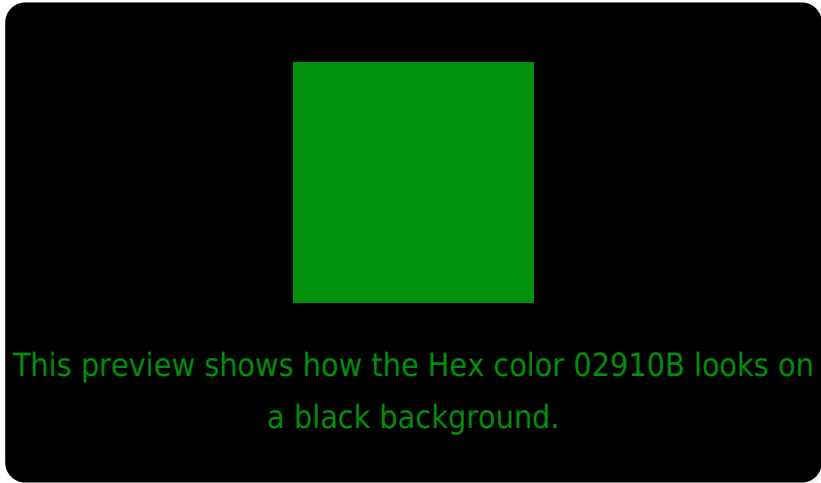
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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 × Fail

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



## Hex 02910B Background



This preview shows how black text looks on a background with the Hex color 02910B.



This preview shows how white text looks on a background with the Hex color 02910B.

# 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**  
02910B

**Protanopia**  
8C7C00

**Deuteranopia**  
9C7621



**Tritanopia**  
3D8792

# Trichromacy



**Original Color**  
02910B



**Protanomaly**  
5A8404



**Deuteranomaly**  
648019



**Tritanomaly**  
288B61

# Monochromacy



**Original Color**  
02910B



**Achromatopsia**  
575757



**Achromatomaly**  
386C3B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 02910B 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 #02910B looks like.

```
.text, #text, p{  
    color:#02910B  
}
```

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 #02910B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02910B
}
```

## Border

The CSS property to change the border of an element to Hex 02910B 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
#02910B }
```

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

```
.border{ border-color:#02910B }
```

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

Here you see how a box with a 4 pixel #02910B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02910B; -webkit-box-shadow:4px 4px  
4px 4px #02910B; box-shadow:4px 4px 4px  
4px #02910B }
```

# Background

The CSS property to change the background color of an element to Hex 02910B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02910B }
```

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

```
.background{ background-color:#02910B }
```

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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