

# Converting Colors

Hex(09913B)

Have a look what the booklet for  
Hex(09913B) contains.

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**Color**

**Hex(09913B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	09913B
RGB	9, 145, 59
RGB Percent	4%, 57%, 23%
CMY	0.9647, 0.4314, 0.7686
CMYK	0.94, 0.00, 0.59, 0.43
HSL	142°, 88%, 30%
HSV	142°, 94%, 57%
XYZ	11.0275, 20.6246, 7.5374
YIQ	94.5320, -53.4500, -55.5780

# Conversions

## Conversions Part 2

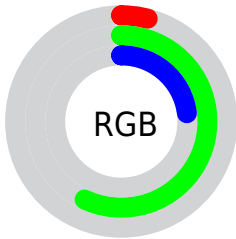
<b>Format</b>	<b>Color</b>
<b>RYB</b>	9, 108, 145
Decimal	627003
CIELab	52.54, -51.55, 36.05
CIELCh	53, 62.902, 145.037
Yxy	20.6246, 0.2814, 0.5263
Android (android.graphics.Color)	4278817083 (0xFF09913B)
YUV	94.5320, -17.5173, -75.0116
Hunter-Lab	45.4144, -36.1319, 21.9497

# Details

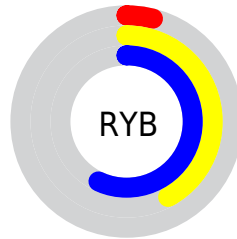
The Hex color **09913B** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **91095F**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **57C86D**, and **005D07** is the 20% darker color. If you saturate the color by 10%, you get **009135**, and if you desaturate by 10%, it is **179144**.

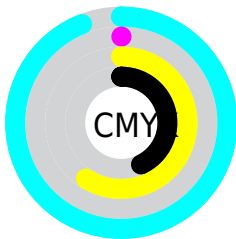
# Distribution



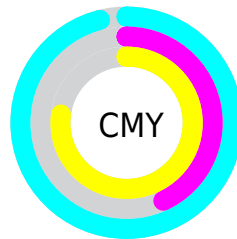
- Red (4%)
- Green (57%)
- Blue (23%)



- Red (4%)
- Yellow (42%)
- Blue (57%)



- Cyan (94%)
- Magenta (0%)
- Yellow (59%)
- Black (43%)



- Cyan (96%)
- Magenta (43%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 09913B 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 09913B by changing the saturation by 10% instead.



 09913B

 09913B

FFFFFF

 007723

 57C86D

 005D07

 74E587

 004400

 91FFA2

 002E00

 AEFFBD

 001000

 CCFFD9

 000000

 E9FFF6

 09913B

 09913B

 009135

 179144

 26914D

 359157

 439160

 529169

 609172

 6F917B

 7D9184

 8B918E

# Harmonies

## Analogous

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



6B8800



09913B



009572

# Triad

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



09913B



0087EA



DB4A53

# Complementary

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



09913B



91095F

# 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.



D84589



09913B



6973E0

# Square

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



09913B



0092D5



B559BC



C56122

# Rectangle

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



09913B



009698



B559BC



DD4565



# Sweetspot

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



09913B



88BD9B



5F9109



3E5E4A



DEDEDE



5E5E5E



# Same Dimension

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



09913B



00BD45



09917F



404743



008732



000803



# Inverse Universe

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



91095F



BD0077



91091B



474045



870055



080005



# Previews

## White Background



This preview shows how the Hex color 09913B looks on a white background.

## Color Contrast Check

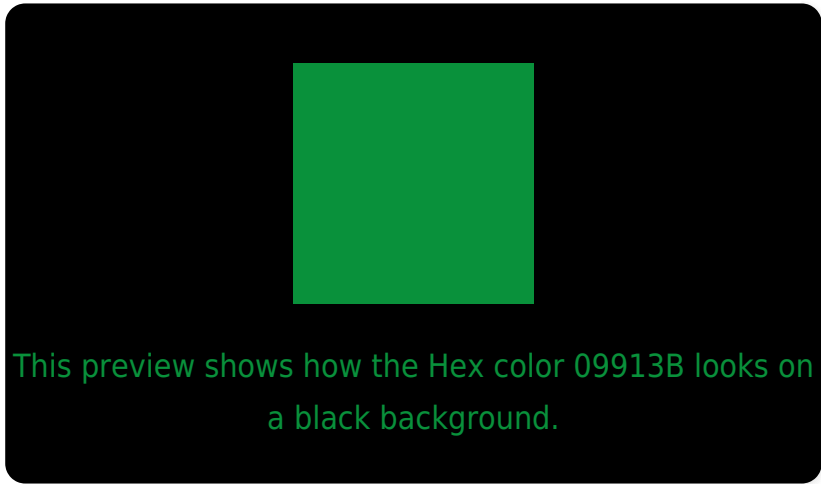
Large Text (above 18pt) WCAG AA ✓ Pass

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 09913B Background



This preview shows how black text looks on a background with the Hex color 09913B.

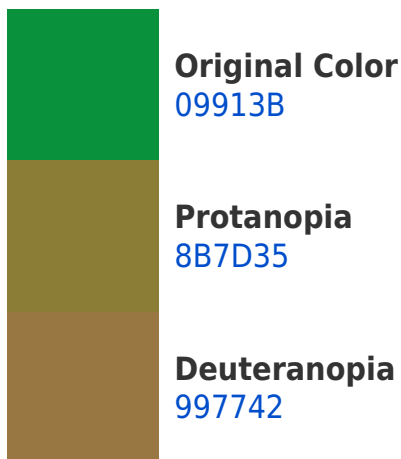



This preview shows how white text looks on a background with the Hex color 09913B.

# 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





**Tritanopia**  
3A8893

# Trichromacy



**Original Color**  
09913B



**Protanomaly**  
5C8437



**Deuteranomaly**  
65803F



**Tritanomaly**  
288B73

# Monochromacy



**Original Color**  
09913B



**Achromatopsia**  
5F5F5F



**Achromatomaly**  
407152

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 09913B 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 #09913B looks like.

```
.text, #text, p{  
    color:#09913B  
}
```

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 #09913B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09913B
}
```

## Border

The CSS property to change the border of an element to Hex 09913B 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
#09913B }
```

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

```
.border{ border-color:#09913B }
```

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

Here you see how a box with a 4 pixel #09913B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09913B; -webkit-box-shadow:4px 4px  
4px 4px #09913B; box-shadow:4px 4px 4px  
4px #09913B }
```

# Background

The CSS property to change the background color of an element to Hex 09913B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09913B }
```

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

```
.background{ background-color:#09913B }
```

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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