

# Converting Colors

Hex(0D9350)

Have a look what the booklet for  
Hex(0D9350) contains.

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**Color**

**Hex(0D9350)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0D9350
RGB	13, 147, 80
RGB Percent	5%, 58%, 31%
CMY	0.9490, 0.4235, 0.6863
CMYK	0.91, 0.00, 0.46, 0.42
HSL	150°, 84%, 31%
HSV	150°, 91%, 58%
XYZ	12.0477, 21.5322, 11.1106
YIQ	99.2960, -58.3570, -49.2450

# Conversions

## Conversions Part 2

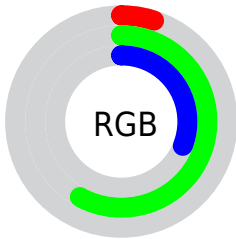
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 102, 147
Decimal	889680
CIELab	53.53, -48.52, 26.42
CIELCh	54, 55.246, 151.436
Yxy	21.5322, 0.2696, 0.4818
Android (android.graphics.Color)	4279079760 (0xFF0D9350)
YUV	99.2960, -9.5129, -75.6816
Hunter-Lab	46.4028, -34.8605, 18.2857

# Details

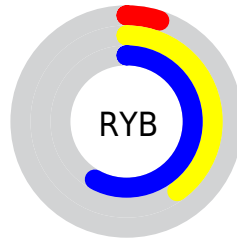
The Hex color **0D9350** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **930D50**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **58CA82**, and **005F21** is the 20% darker color. If you saturate the color by 10%, you get **00934A**, and if you desaturate by 10%, it is **1C9357**.

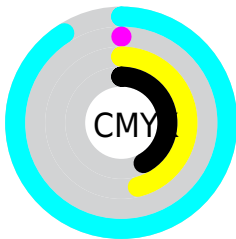
# Distribution



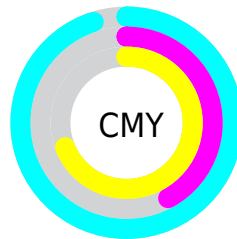
- Red (5%)
- Green (58%)
- Blue (31%)



- Red (5%)
- Yellow (40%)
- Blue (58%)



- Cyan (91%)
- Magenta (0%)
- Yellow (46%)
- Black (42%)



- Cyan (95%)
- Magenta (42%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D9350 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 0D9350 by changing the saturation by 10% instead.



 0D9350

 0D9350

FFFFFF

 007938

 58CA82

 005F21

 75E79C

 00460A

 92FFB8

 002F00

 AFFFD3

 001500

 CCFFF0

 000000

 EAFFFF

 0D9350

 0D9350

 00934A

 1C9357

 2A935F

 399366

 48936D

 579375

 65937C

 749383

 83938B

 919392

# Harmonies

## Analogous

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



668B27



0D9350



009681

# Triad

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



0D9350



0085DF



D25951

# Complementary

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



0D9350



930D50

# 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.



D45280



0D9350



8372D2

# Square

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



0D9350



0090D3



BB5DAE



BB6C2A

# Rectangle

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



0D9350



0096A1



BB5DAE



D55560



# Sweetspot

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



0D9350



8CBFA5



50930D



426151



E0E0E0



616161



# Same Dimension

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



0D9350



00BF60



0D9393



434A46



008A45



000A05



# Inverse Universe

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



930D50



BF0060



930D0D



4A4346



8A0045



0A0005



# Previews

## White Background



This preview shows how the Hex color 0D9350 looks on a white background.

## Color Contrast Check

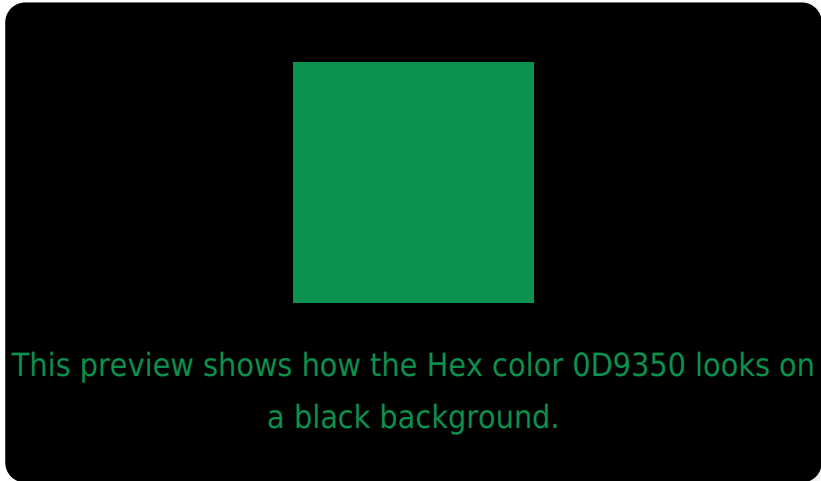
Large Text (above 18pt) WCAG AA ✓ Pass

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

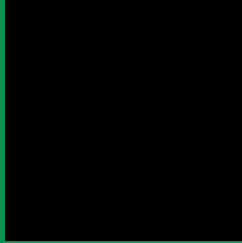
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0D9350 Background



This preview shows how black text looks on a background with the Hex color 0D9350.



This preview shows how white text looks on a background with the Hex color 0D9350.

# 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**  
0D9350

**Protanopia**  
8B7F49

**Deuteranopia**  
987A56



**Tritanopia**  
388B96

# Trichromacy



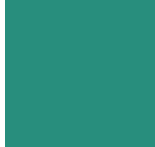
**Original Color**  
0D9350



**Protanomaly**  
5D864C



**Deuteranomaly**  
658354



**Tritanomaly**  
288E7D

# Monochromacy



**Original Color**  
0D9350



**Achromatopsia**  
636363



**Achromatomaly**  
44745C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D9350 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 #0D9350 looks like.

```
.text, #text, p{  
    color:#0D9350  
}
```

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 #0D9350 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D9350
}
```

## Border

The CSS property to change the border of an element to Hex 0D9350 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
#0D9350 }
```

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

```
.border{ border-color:#0D9350 }
```

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

Here you see how a box with a 4 pixel #0D9350 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D9350; -webkit-box-shadow:4px 4px  
4px 4px #0D9350; box-shadow:4px 4px 4px  
4px #0D9350 }
```

# Background

The CSS property to change the background color of an element to Hex 0D9350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D9350 }
```

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

```
.background{ background-color:#0D9350 }
```

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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