

Converting Colors

Hex(0D9543)

Have a look what the booklet for
Hex(0D9543) contains.

Hex(0D9543)	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(0D9543)

Conversions

Conversions Part 1

Format	Color
Hex	0D9543
RGB	13, 149, 67
RGB Percent	5%, 58%, 26%
CMY	0.9490, 0.4157, 0.7373
CMYK	0.91, 0.00, 0.55, 0.42
HSL	144°, 84%, 32%
HSV	144°, 91%, 58%
XYZ	11.9265, 21.9857, 8.9253
YIQ	98.9880, -54.7340, -54.3340

Conversions

Conversions Part 2

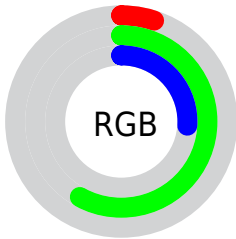
Format	Color
RYB	13, 110, 149
Decimal	890179
CIELab	54.01, -51.46, 33.83
CIELCh	54, 61.580, 146.676
Yxy	21.9857, 0.2784, 0.5132
Android (android.graphics.Color)	4279080259 (0xFF0D9543)
YUV	98.9880, -15.7701, -75.4115
Hunter-Lab	46.8889, -36.6528, 21.5364

Details

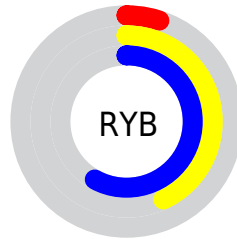
The Hex color **0D9543** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **950D5F**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **59CC75**, and **006112** is the 20% darker color. If you saturate the color by 10%, you get **00953B**, and if you desaturate by 10%, it is **1C954C**.

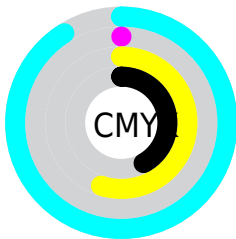
Distribution



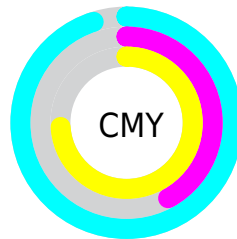
- Red (5%)
- Green (58%)
- Blue (26%)



- Red (5%)
- Yellow (43%)
- Blue (58%)



- Cyan (91%)
- Magenta (0%)
- Yellow (55%)
- Black (42%)



- Cyan (95%)
- Magenta (42%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D9543 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 0D9543 by changing the saturation by 10% instead.

 0D9543

 0D9543

FFFFFF

 007A2B

 59CC75

 006112

 76E98F

 004800

 93FFAA

 003100

 B0FFC6

 001700

 CEFFE2

 000000

 ECFFFF

 0D9543

 0D9543

 00953B

 1C954C

 2B9555

 3A955E

 499567

 589570

 669579

 759582

 84958B

 939594

Harmonies

Analogous

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



6C8C0F



0D9543



009979

Triad

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



0D9543



0089EC



DD5155

Complementary

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



0D9543



950D5F

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.



DC4B89



0D9543



7476E1

Square

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



0D9543



0095D9



BB5DBC



C76726

Rectangle

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



0D9543



009A9E



BB5DBC



E04C66

Sweetspot

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



0D9543



8DC2A2



61950D



42614E



E0E0E0



616161

Same Dimension

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



0D9543



00C24D



0D9585



434A45



008A37



000A04

Inverse Universe

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



950D5F



C20075



950D1D



4A4347



8A0053



0A0006

Previews

White Background



This preview shows how the Hex color 0D9543 looks on a white background.

Color Contrast Check

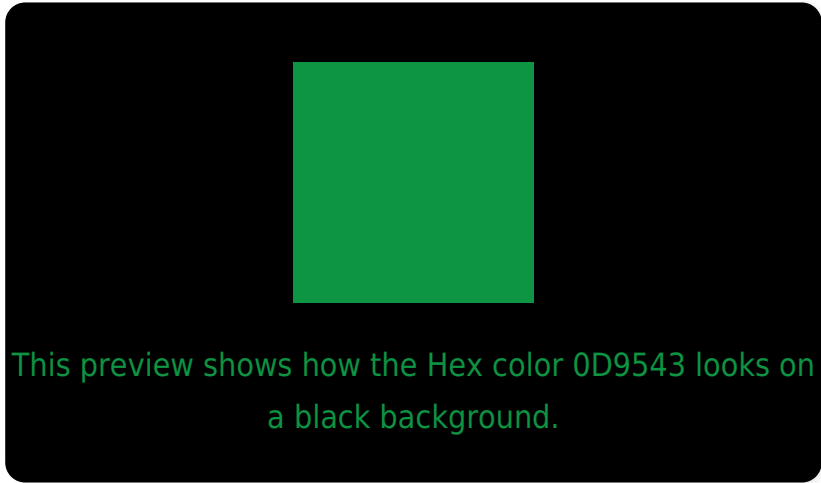
Large Text (above 18pt) WCAG AA ✓ Pass

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 0D9543 Background



This preview shows how black text looks on a background with the Hex color 0D9543.



This preview shows how white text looks on a background with the Hex color 0D9543.

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
3B8C97

Trichromacy



Original Color
0D9543



Protanomaly
5F883F



Deuteranomaly
688447



Tritanomaly
2A8F78

Monochromacy



Original Color
0D9543



Achromatopsia
636363



Achromatomaly
447557

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D9543 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 #0D9543 looks like.

```
.text, #text, p{  
    color:#0D9543  
}
```

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 #0D9543 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D9543
}
```

Border

The CSS property to change the border of an element to Hex 0D9543 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
#0D9543 }
```

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

```
.border{ border-color:#0D9543 }
```

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

Here you see how a box with a 4 pixel #0D9543 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D9543; -webkit-box-shadow:4px 4px  
4px 4px #0D9543; box-shadow:4px 4px 4px  
4px #0D9543 }
```

Background

The CSS property to change the background color of an element to Hex 0D9543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D9543 }
```

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

```
.background{ background-color:#0D9543 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor