

Converting Colors

Hex(0E9949)

Have a look what the booklet for
Hex(0E9949) contains.

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Color

Hex(0E9949)

Conversions

Conversions Part 1

Format	Color
Hex	0E9949
RGB	14, 153, 73
RGB Percent	5%, 60%, 29%
CMY	0.9451, 0.4000, 0.7137
CMYK	0.91, 0.00, 0.52, 0.40
HSL	145°, 83%, 33%
HSV	145°, 91%, 60%
XYZ	12.7749, 23.3569, 10.1383
YIQ	102.3190, -57.1640, -54.3480

Conversions

Conversions Part 2

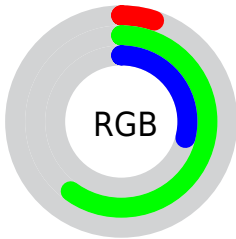
Format	Color
R_{YB}	14, 112, 153
Decimal	956745
CIE _{Lab}	55.44, -51.80, 32.52
CIE _{LCh}	55, 61.164, 147.881
Yxy	23.3569, 0.2761, 0.5048
Android (android.graphics.Color)	4279146825 (0xFF0E9949)
YUV	102.3190, -14.4543, -77.4558
Hunter-Lab	48.3289, -37.3922, 21.3925

Details

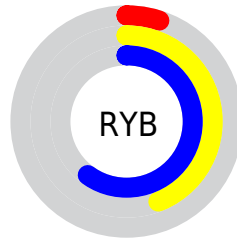
The Hex color **0E9949** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **990E5E**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **5AD17B**, and **006419** is the 20% darker color. If you saturate the color by 10%, you get **009941**, and if you desaturate by 10%, it is **1D9952**.

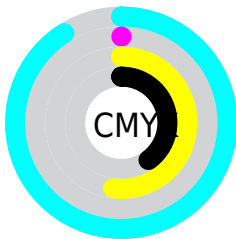
Distribution



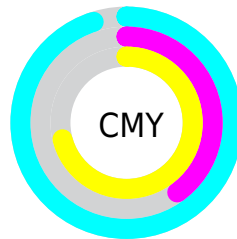
- Red (5%)
- Green (60%)
- Blue (29%)



- Red (5%)
- Yellow (44%)
- Blue (60%)



- Cyan (91%)
- Magenta (0%)
- Yellow (52%)
- Black (40%)



- Cyan (95%)
- Magenta (40%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E9949 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 0E9949 by changing the saturation by 10% instead.

 0E9949

 0E9949

FFFFFF

 007E31

 5AD17B

 006419

 78ED96

 004B00

 95FFB1

 003400

 B2FFCC

 001C00

 D0FFE9

 000000

 EDFFFF

 0E9949

 0E9949

 009941

 1D9952

 2D995B

 3C9963

 4B996C

 5A9975

 6A997E

 799987

 88998F

 989998

Harmonies

Analogous

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



6E9018



0E9949



009D7F

Triad

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



0E9949



008CEF



E15656

Complementary

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



0E9949



990E5E

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.



E04F8B



0E9949



7C78E3

Square

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



0E9949



0098DE



C160BE



CA6C28

Rectangle

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



0E9949



009EA4



C160BE



E45167

Sweetspot

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



0E9949



91C7A8



5F990E



446351



E3E3E3



636363

Same Dimension

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



0E9949



00C754



0E998D



454D48



008C3C



000D05

Inverse Universe

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



990E5E



C70072



990E1A



4D4549



8C0051



0D0007

Previews

White Background



This preview shows how the Hex color 0E9949 looks on a white background.

Color Contrast Check

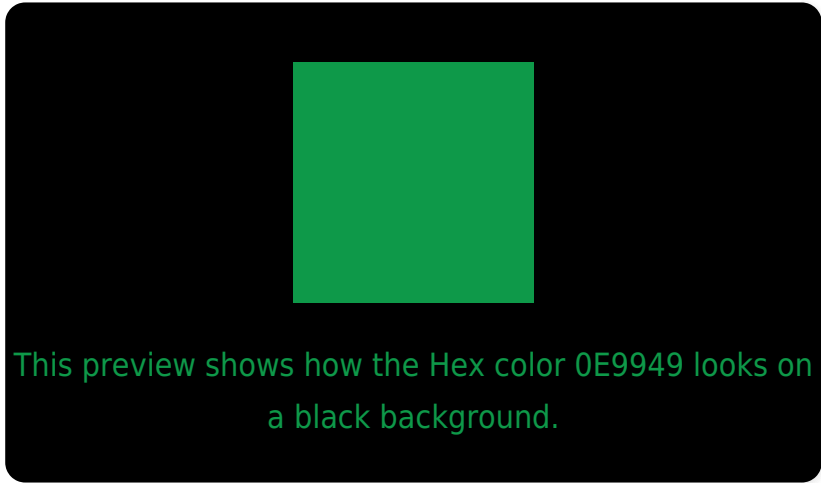
Large Text (above 18pt) WCAG AA ✓ Pass

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 0E9949 Background



This preview shows how black text looks on a background with the Hex color 0E9949.

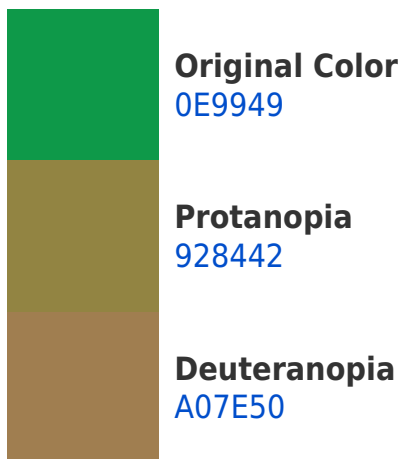


This preview shows how white text looks on a background with the Hex color 0E9949.

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
3C909C

Trichromacy



Original Color
0E9949



Protanomaly
628C45



Deuteranomaly
6B884D



Tritanomaly
2B937E

Monochromacy



Original Color
0E9949



Achromatopsia
666666



Achromatomaly
46795B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E9949 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 #0E9949 looks like.

```
.text, #text, p{  
    color:#0E9949  
}
```

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 #0E9949 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E9949
}
```

Border

The CSS property to change the border of an element to Hex 0E9949 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
#0E9949 }
```

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

```
.border{ border-color:#0E9949 }
```

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

Here you see how a box with a 4 pixel #0E9949 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E9949; -webkit-box-shadow:4px 4px  
4px 4px #0E9949; box-shadow:4px 4px 4px  
4px #0E9949 }
```

Background

The CSS property to change the background color of an element to Hex 0E9949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E9949 }
```

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

```
.background{ background-color:#0E9949 }
```

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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