

Converting Colors

Hex(0E9457)

Have a look what the booklet for
Hex(0E9457) contains.

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Color

Hex(0E9457)

Conversions

Conversions Part 1

Format	Color
Hex	0E9457
RGB	14, 148, 87
RGB Percent	5%, 58%, 34%
CMY	0.9451, 0.4196, 0.6588
CMYK	0.91, 0.00, 0.41, 0.42
HSL	153°, 83%, 32%
HSV	153°, 91%, 58%
XYZ	12.4913, 21.9613, 12.5974
YIQ	100.9800, -60.2830, -47.3790

Conversions

Conversions Part 2

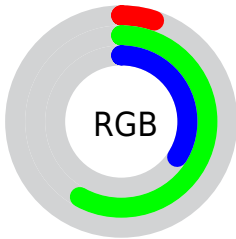
Format	Color
RYB	14, 101, 148
Decimal	955479
CIELab	53.99, -47.45, 23.21
CIELCh	54, 52.825, 153.936
Yxy	21.9613, 0.2655, 0.4668
Android (android.graphics.Color)	4279145559 (0xFF0E9457)
YUV	100.9800, -6.8921, -76.2815
Hunter-Lab	46.8629, -34.4308, 16.8660

Details

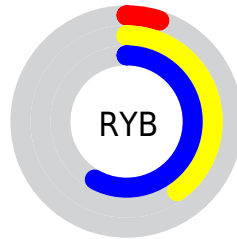
The Hex color **0E9457** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **940E4B**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **58CB89**, and **006028** is the 20% darker color. If you saturate the color by 10%, you get **009451**, and if you desaturate by 10%, it is **1D945E**.

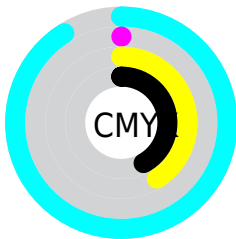
Distribution



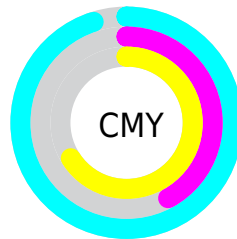
- Red (5%)
- Green (58%)
- Blue (34%)



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



- Cyan (91%)
- Magenta (0%)
- Yellow (41%)
- Black (42%)



- Cyan (95%)
- Magenta (42%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E9457 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 0E9457 by changing the saturation by 10% instead.


 0E9457

 0E9457

FFFFFF

 007A3F

 58CB89

 006028

 76E8A4

 004712

 93FFBF

 003000

 B0FFDB

 001600

 CDFFF8

 000000

 EBFFFF

 0E9457

 0E9457

 009451

 1D945E

 2C9464

 3A946B

 499472

 589479

 67947F

 769486

 84948D

 939494

Harmonies

Analogous

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



648D30



0E9457



009786

Triad

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



0E9457



1984DC



CF5E51

Complementary

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



0E9457



940E4B

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.



D3567D



0E9457



8A72CD

Square

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



0E9457



0090D2



BD5FAA



B8702D

Rectangle

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



0E9457



0097A5



BD5FAA



D35A5F

Sweetspot

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



0E9457



8CBFA8



4D940E



426153



E0E0E0



616161

Same Dimension

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



0E9457



00BF68



0E9094



434A47



008A4B



000A06

Inverse Universe

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



940E4B



BF0057



94120E



4A4346



8A003F



0A0005

Previews

White Background



This preview shows how the Hex color 0E9457 looks on a white background.

Color Contrast Check

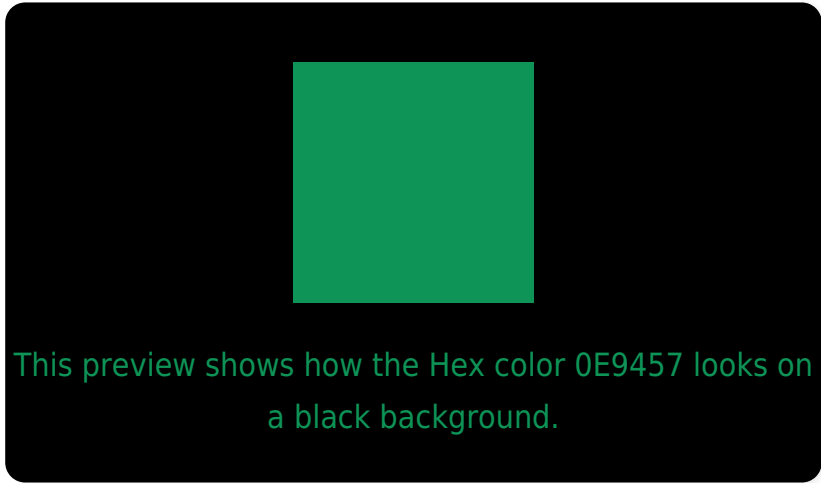
Large Text (above 18pt) WCAG AA ✓ Pass

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

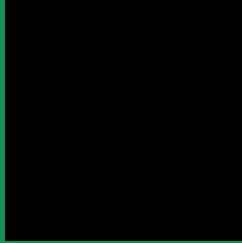
Any Text WCAG AA ✓ Pass

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 0E9457 Background



This preview shows how black text looks on a background with the Hex color 0E9457.



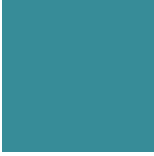
This preview shows how white text looks on a background with the Hex color 0E9457.

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
378C98

Trichromacy



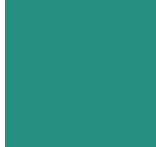
Original Color
0E9457



Protanomaly
5E8752



Deuteranomaly
66845B



Tritanomaly
288F80

Monochromacy



Original Color
0E9457



Achromatopsia
656565



Achromatomaly
457660

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E9457 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 #0E9457 looks like.

```
.text, #text, p{  
    color:#0E9457  
}
```

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 #0E9457 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E9457
}
```

Border

The CSS property to change the border of an element to Hex 0E9457 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
#0E9457 }
```

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

```
.border{ border-color:#0E9457 }
```

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

Here you see how a box with a 4 pixel #0E9457 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E9457; -webkit-box-shadow:4px 4px  
4px 4px #0E9457; box-shadow:4px 4px 4px  
4px #0E9457 }
```

Background

The CSS property to change the background color of an element to Hex 0E9457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E9457 }
```

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

```
.background{ background-color:#0E9457 }
```

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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