

Converting Colors

Hex(009454)

Have a look what the booklet for
Hex(009454) contains.

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Color

Hex(009454)

Conversions

Conversions Part 1

Format	Color
Hex	009454
RGB	0, 148, 84
RGB Percent	0%, 58%, 33%
CMY	1.0000, 0.4196, 0.6706
CMYK	1.00, 0.00, 0.43, 0.42
HSL	154°, 100%, 29%
HSV	154°, 100%, 58%
XYZ	12.1901, 21.8199, 11.9567
YIQ	96.4520, -67.6640, -51.2800

Conversions

Conversions Part 2

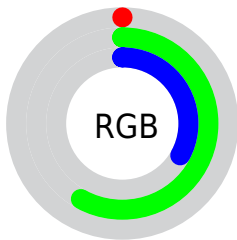
Format	Color
RYB	0, 94, 148
Decimal	37972
CIELab	53.84, -48.86, 24.63
CIELCh	54, 54.721, 153.248
Yxy	21.8199, 0.2652, 0.4747
Android (android.graphics.Color)	4278228052 (0xFF009454)
YUV	96.4520, -6.1388, -84.5884
Hunter-Lab	46.7118, -35.1634, 17.5220

Details

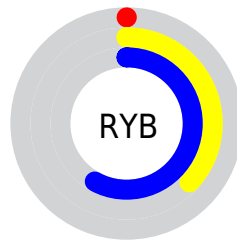
The Hex color **009454** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **940040**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **55CB86**, and **006025** is the 20% darker color. If you saturate the color by 10%, you get **009454**, and if you desaturate by 10%, it is **0F945A**.

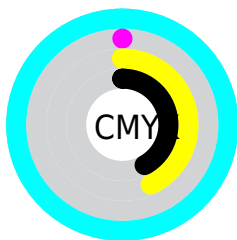
Distribution



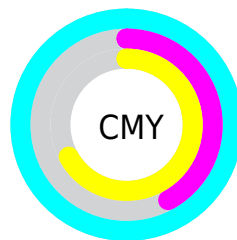
- Red (0%)
- Green (58%)
- Blue (33%)



- Red (0%)
- Yellow (37%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (43%)
- Black (42%)




- Cyan (100%)
- Magenta (42%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009454 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 009454 by changing the saturation by 10% instead.

 009454

 009454

FFFFFF

 00793C

 55CB86

 006025

 73E8A1

 00470F

 90FFBC

 003000

 ADFFD8

 001600

 CAFFF4

 000000

 E8FFFF

 009454

 0F945A

 1E9461

 2C9467

 3B946E

 4A9474

 59947A

 689481

 769487

 85948E

Harmonies

Analogous

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



648D2B



009454



009785

Triad

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



009454



0084DF



D25C50

Complementary

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



009454



940040

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.



D5537D



009454



8872D0

Square

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



009454



0091D5



BE5EAC



BA6E2A

Rectangle

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



009454



0097A5



BE5EAC



D5575E

Sweetspot

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



009454



86BFA6



409400



3E6152



E0E0E0



616161

Same Dimension

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



009454



00BF6D



008A94



434A47



008A4E



000A06

Inverse Universe

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



940040



BF0053



940A00



4A4346



8A003C



0A0004

Previews

White Background



This preview shows how the Hex color 009454 looks on a white background.

Color Contrast Check

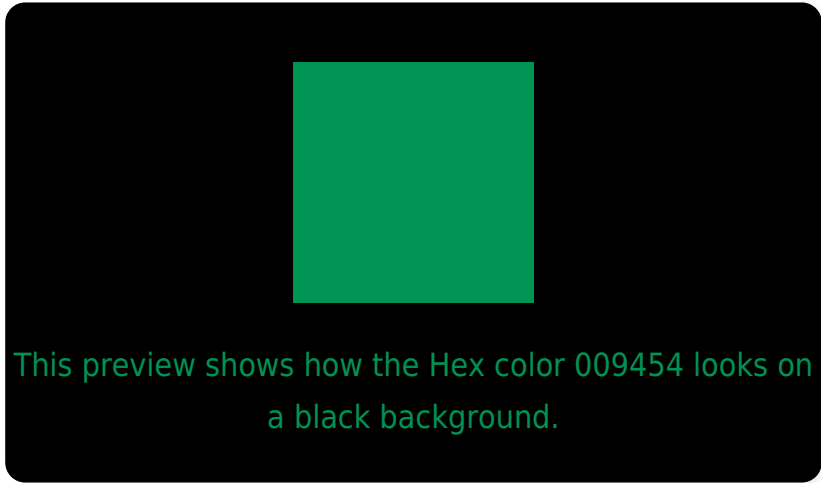
Large Text (above 18pt) WCAG AA ✓ Pass

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 009454 Background



This preview shows how black text looks on a background with the Hex color 009454.

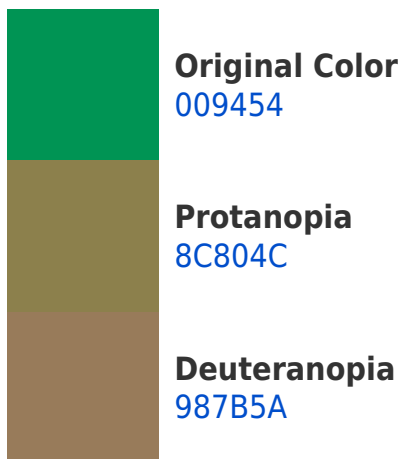


This preview shows how white text looks on a background with the Hex color 009454.

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
009454



Protanomaly
59874F



Deuteranomaly
618458



Tritanomaly
238F7F

Monochromacy



Original Color
009454



Achromatopsia
606060



Achromatomaly
3D735C

CSS Examples

Text

The CSS property to change the color of the text to Hex 009454 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 #009454 looks like.

```
.text, #text, p{  
    color:#009454  
}
```

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 #009454 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009454
}
```

Border

The CSS property to change the border of an element to Hex 009454 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
#009454 }
```

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

```
.border{ border-color:#009454 }
```

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

Here you see how a box with a 4 pixel #009454 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009454; -webkit-box-shadow:4px 4px  
4px 4px #009454; box-shadow:4px 4px 4px  
4px #009454 }
```

Background

The CSS property to change the background color of an element to Hex 009454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009454 }
```

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

```
.background{ background-color:#009454 }
```

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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