

Converting Colors

Hex(04A559)

Have a look what the booklet for
Hex(04A559) contains.

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Color

Hex(04A559)

Conversions

Conversions Part 1

Format	Color
Hex	04A559
RGB	4, 165, 89
RGB Percent	2%, 65%, 35%
CMY	0.9843, 0.3529, 0.6510
CMYK	0.98, 0.00, 0.46, 0.35
HSL	152°, 95%, 33%
HSV	152°, 98%, 65%
XYZ	15.3084, 27.6573, 13.9828
YIQ	108.1970, -71.5600, -57.7680

Conversions

Conversions Part 2

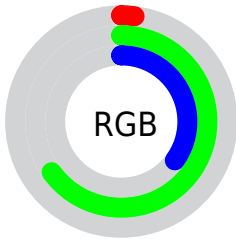
Format	Color
RYB	4, 109, 165
Decimal	304473
CIELab	59.58, -53.73, 29.40
CIELCh	60, 61.246, 151.309
Yxy	27.6573, 0.2688, 0.4857
Android (android.graphics.Color)	4278494553 (0xFF04A559)
YUV	108.1970, -9.4641, -91.3808
Hunter-Lab	52.5903, -40.0738, 21.0491

Details

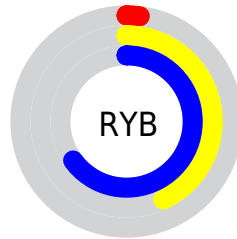
The Hex color **04A559** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A50450**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **5BDD8C**, and **007029** is the 20% darker color. If you saturate the color by 10%, you get **00A557**, and if you desaturate by 10%, it is **15A561**.

Distribution



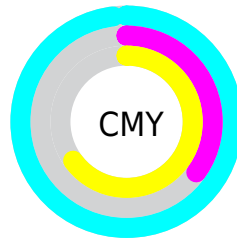
- Red (2%)
- Green (65%)
- Blue (35%)



- Red (2%)
- Yellow (43%)
- Blue (65%)



- Cyan (98%)
- Magenta (0%)
- Yellow (46%)
- Black (35%)



- Cyan (98%)
- Magenta (35%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04A559 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 04A559 by changing the saturation by 10% instead.

 04A559

 04A559

FFFFFF

 008A41

 5BDD8C

 007029

 79FAA7

 005612

 97FFC2

 003D00

 B5FFDE

 002700

 D3FFFB

 000000

 F1FFFF

 04A559

 04A559

 00A557

 15A561

 25A569

 35A570

 46A578

 56A580

 67A588

 77A590

 88A597

 98A59F

Harmonies

Analogous

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



729C29



04A559



00A990

Triad

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



04A559



0095FC



EC635B

Complementary

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



04A559



A50450

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.



EE5B8F



04A559



9280EC

Square

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



04A559



00A2EE



D268C4



D3792E

Rectangle

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



04A559



00A9B5



D268C4



F05E6C

Sweetspot

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



04A559



98D6B9



52A504



466B59



EBEBEB



6B6B6B

Same Dimension

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



04A559



00D671



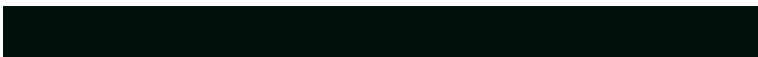
04A2A5



49524E



00914D



001209

Inverse Universe

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



A50450



D60065



A50704



52494D



910045



120008

Previews

White Background



This preview shows how the Hex color 04A559 looks on a white background.

Color Contrast Check

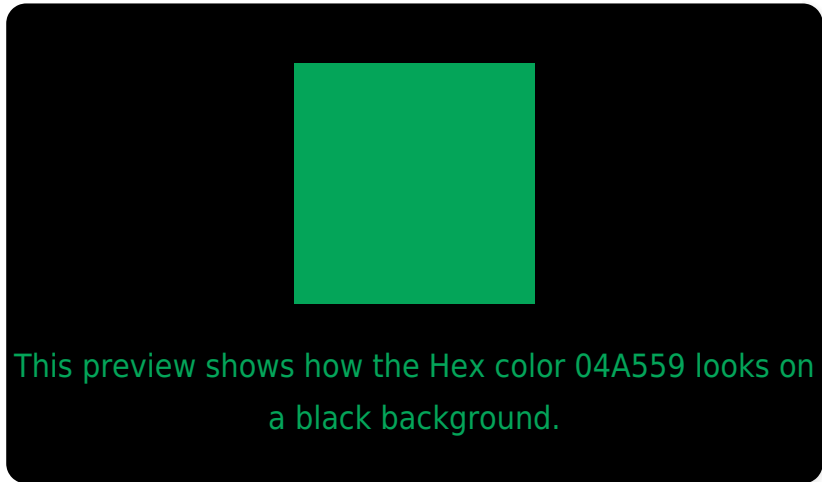
Large Text (above 18pt) WCAG AA ✓ Pass

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 04A559 Background



This preview shows how black text looks on a background with the Hex color 04A559.



This preview shows how white text looks on a background with the Hex color 04A559.

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](#).

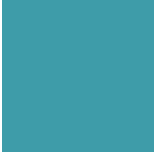
Dichromacy



Original Color
04A559

Protanopia
9C8F51

Deuteranopia
AB8860



Tritanopia
3E9CA9

Trichromacy



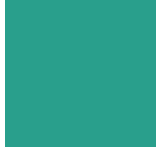
Original Color
04A559



Protanomaly
659754



Deuteranomaly
6E935D



Tritanomaly
299F8C

Monochromacy



Original Color
04A559



Achromatopsia
6C6C6C



Achromatomaly
468165

CSS Examples

Text

The CSS property to change the color of the text to Hex 04A559 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 #04A559 looks like.

```
.text, #text, p{  
    color:#04A559  
}
```

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 #04A559 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04A559
}
```

Border

The CSS property to change the border of an element to Hex 04A559 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
#04A559 }
```

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

```
.border{ border-color:#04A559 }
```

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

Here you see how a box with a 4 pixel #04A559 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04A559; -webkit-box-shadow:4px 4px  
4px 4px #04A559; box-shadow:4px 4px 4px  
4px #04A559 }
```

Background

The CSS property to change the background color of an element to Hex 04A559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04A559 }
```

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

```
.background{ background-color:#04A559 }
```

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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