

# Converting Colors

Hex(0C4549)

Have a look what the booklet for  
Hex(0C4549) contains.

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# Color

Hex(0C4549)

# Conversions

## Conversions Part 1

Format	Color
Hex	0C4549
RGB	12, 69, 73
RGB Percent	5%, 27%, 29%
CMY	0.9529, 0.7294, 0.7137
CMYK	0.84, 0.05, 0.00, 0.71
HSL	184°, 72%, 17%
HSV	184°, 84%, 29%
XYZ	3.4823, 4.8154, 7.0493
YIQ	52.4130, -35.2560, -10.8400

# Conversions

## Conversions Part 2

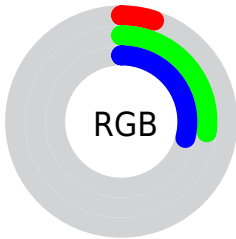
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 41, 73
Decimal	804169
CIELab	26.20, -15.84, -7.55
CIElCh	26, 17.546, 205.469
Yxy	4.8154, 0.2269, 0.3138
Android (android.graphics.Color)	4278994249 (0xFF0C4549)
YUV	52.4130, 10.1494, -35.4422
Hunter-Lab	21.9441, -10.0758, -3.6853

# Details

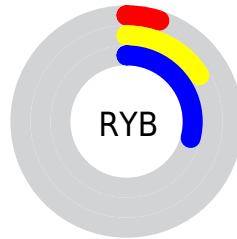
The Hex color **0C4549** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **49100C**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **43757A**, and **001B1D** is the 20% darker color. If you saturate the color by 10%, you get **054549**, and if you desaturate by 10%, it is **134549**.

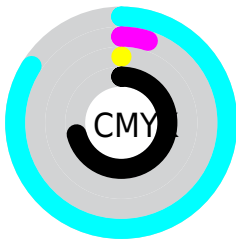
# Distribution



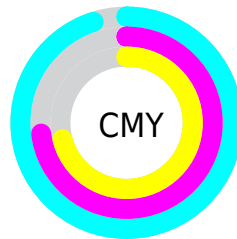
- Red (5%)
- Green (27%)
- Blue (29%)



- Red (5%)
- Yellow (16%)
- Blue (29%)



- Cyan (84%)
- Magenta (5%)
- Yellow (0%)
- Black (71%)



- Cyan (95%)
- Magenta (73%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C4549 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 0C4549 by changing the saturation by 10% instead.



0C4549

0C4549

FFFFFF

002E33

43757A

001B1D

5C8F93

000002

76AAAE

000000

91C5C9

ACE1E5

C8FEFF

E5FFFF

0C4549

0C4549

■ 054549

■ 134549

■ 004449

■ 1B4649

■ 224649

■ 294749

■ 314749

■ 384849

■ 3F4849

■ 464949

■ 4E4949

# Harmonies

## Analogous

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



1B453B



0C4549



124354

# Triad

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



0C4549



4D374D



493C23

# Complementary

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



0C4549



49100C

# 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.



533828



0C4549



563441

# Square

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



0C4549



3D3B56



583433



3B4126

# Rectangle

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



0C4549



204158



583433



4D3B24



# Sweetspot

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



0C4549



475D5E



0C490F



222F30



B0B0B0



303030



# Same Dimension

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



0C4549



00585E



0C2749



202324



005D63



00D4E3



# Inverse Universe

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



490C45



5E0058



492E0C



242023



63005D

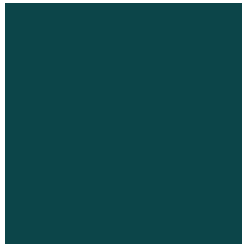


E300D4



# Previews

## White Background



This preview shows how the Hex color 0C4549 looks on a white background.

## Color Contrast Check

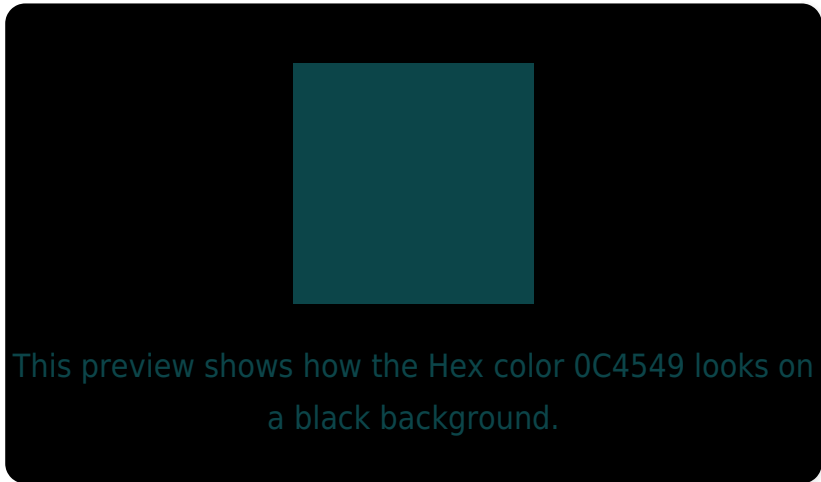
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

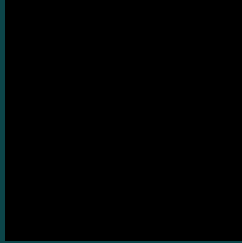
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0C4549 Background



This preview shows how black text looks on a background with the Hex color 0C4549.

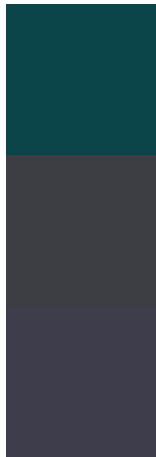


This preview shows how white text looks on a background with the Hex color 0C4549.

# 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](#).

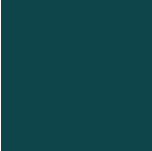
## Dichromacy



**Original Color**  
0C4549

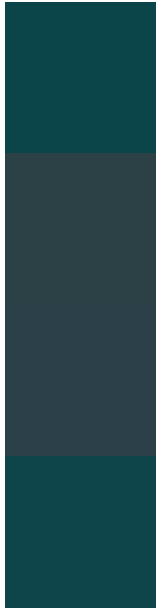
**Protanopia**  
3D3E44

**Deuteranopia**  
3E3D4B



**Tritanopia**  
0E454A

# Trichromacy



**Original Color**  
0C4549

**Protanomaly**  
2B4146

**Deuteranomaly**  
2C404A

**Tritanomaly**  
0D454A

# Monochromacy



**Original Color**  
0C4549

**Achromatopsia**  
343434

**Achromatomaly**  
253A3C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C4549 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 #0C4549 looks like.

```
.text, #text, p{  
    color:#0C4549  
}
```

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 #0C4549 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C4549
}
```

## Border

The CSS property to change the border of an element to Hex 0C4549 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
#0C4549 }
```

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

```
.border{ border-color:#0C4549 }
```

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

Here you see how a box with a 4 pixel #0C4549 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C4549; -webkit-box-shadow:4px 4px  
4px 4px #0C4549; box-shadow:4px 4px 4px  
4px #0C4549 }
```

# Background

The CSS property to change the background color of an element to Hex 0C4549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C4549 }
```

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

```
.background{ background-color:#0C4549 }
```

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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