

Converting Colors

Hex(0D4547)

Have a look what the booklet for
Hex(0D4547) contains.

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Color

Hex(0D4547)

Conversions

Conversions Part 1

Format	Color
Hex	0D4547
RGB	13, 69, 71
RGB Percent	5%, 27%, 28%
CMY	0.9490, 0.7294, 0.7216
CMYK	0.82, 0.03, 0.00, 0.72
HSL	182°, 69%, 16%
HSV	182°, 82%, 28%
XYZ	3.4314, 4.7967, 6.7062
YIQ	52.4840, -34.0180, -11.2500

Conversions

Conversions Part 2

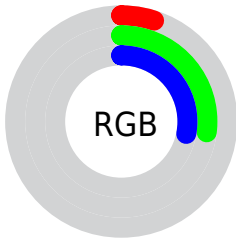
Format	Color
RYB	13, 41, 71
Decimal	869703
CIELab	26.15, -16.42, -6.32
CIELCh	26, 17.591, 201.039
Yxy	4.7967, 0.2298, 0.3212
Android (android.graphics.Color)	4279059783 (0xFF0D4547)
YUV	52.4840, 9.1284, -34.6275
Hunter-Lab	21.9015, -10.3609, -2.8236

Details

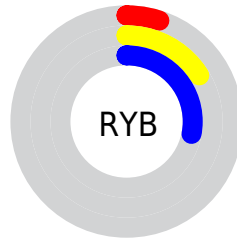
The Hex color **0D4547** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **470F0D**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **437677**, and **001B1C** is the 20% darker color. If you saturate the color by 10%, you get **064547**, and if you desaturate by 10%, it is **144547**.

Distribution



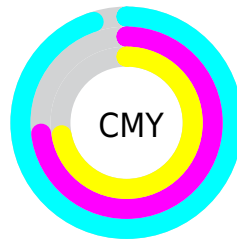
- Red (5%)
- Green (27%)
- Blue (28%)



- Red (5%)
- Yellow (16%)
- Blue (28%)



- Cyan (82%)
- Magenta (3%)
- Yellow (0%)
- Black (72%)



- Cyan (95%)
- Magenta (73%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D4547 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 0D4547 by changing the saturation by 10% instead.



0D4547



0D4547

FFFFFF



002E31



437677



001B1C



5D8F91



000000



77AAAB



91C5C7



ACE1E3



C8FEFF



E5FFFF



0D4547



0D4547

064547

144547

004547

1B4547

224647

294647

314647

384647

3F4747

464747

4D4747

Harmonies

Analogous

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



1D4539



0D4547



0F4452

Triad

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



0D4547



4B374F



4A3C23

Complementary

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



0D4547



470F0D

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.



54372A



0D4547



553442

Square

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



0D4547



3A3C57



583435



3D4025

Rectangle

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



0D4547



1D4257



583435



4E3A25

Sweetspot

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



0D4547



455B5C



0D470F



202D2E



ADADAD



2E2E2E

Same Dimension

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



0D4547



02595C



0D2847



202424



006063



00DBE3

Inverse Universe

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



470D45



5C0259



472C0D



242024



630060



E300DB

Previews

White Background



This preview shows how the Hex color 0D4547 looks on a white background.

Color Contrast Check

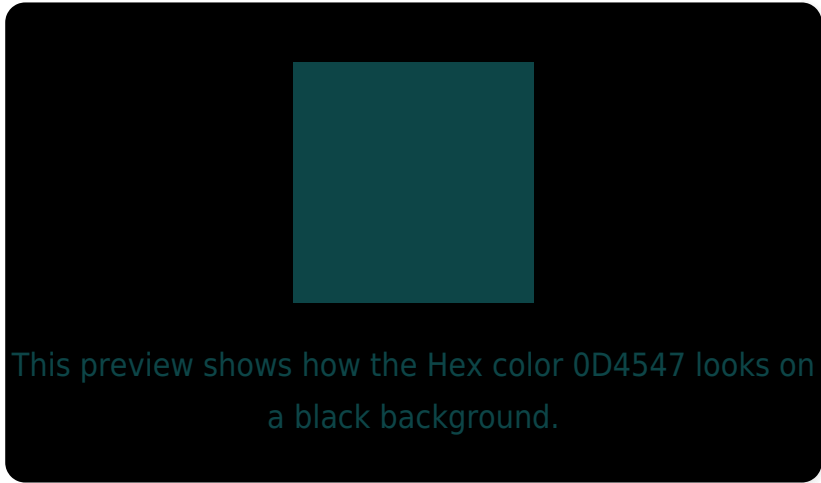
Large Text (above 18pt) WCAG AA ✓ Pass

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

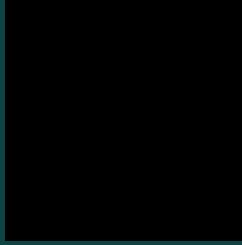
Any Text WCAG AA × Fail

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 0D4547 Background



This preview shows how black text looks on a background with the Hex color 0D4547.



This preview shows how white text looks on a background with the Hex color 0D4547.

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](#).

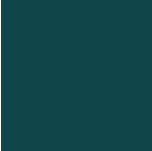
Dichromacy



Original Color
0D4547

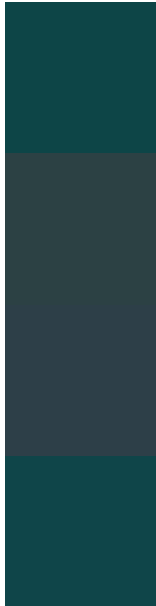
Protanopia
3E3E42

Deuteranopia
3F3C49



Tritanopia
10454A

Trichromacy



Original Color
0D4547

Protanomaly
2C4144

Deuteranomaly
2D3F48

Tritanomaly
0F4549

Monochromacy



Original Color
0D4547

Achromatopsia
343434

Achromatomaly
263A3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D4547 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 #0D4547 looks like.

```
.text, #text, p{  
    color:#0D4547  
}
```

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 #0D4547 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D4547
}
```

Border

The CSS property to change the border of an element to Hex 0D4547 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
#0D4547 }
```

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

```
.border{ border-color:#0D4547 }
```

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

Here you see how a box with a 4 pixel #0D4547 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D4547; -webkit-box-shadow:4px 4px  
4px 4px #0D4547; box-shadow:4px 4px 4px  
4px #0D4547 }
```

Background

The CSS property to change the background color of an element to Hex 0D4547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D4547 }
```

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

```
.background{ background-color:#0D4547 }
```

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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