

Converting Colors

Hex(0D7454)

Have a look what the booklet for
Hex(0D7454) contains.

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Color

Hex(0D7454)

Conversions

Conversions Part 1

Format	Color
Hex	0D7454
RGB	13, 116, 84
RGB Percent	5%, 45%, 33%
CMY	0.9490, 0.5451, 0.6706
CMYK	0.89, 0.00, 0.28, 0.55
HSL	161°, 80%, 25%
HSV	161°, 89%, 45%
XYZ	8.0116, 13.2164, 10.5163
YIQ	81.5550, -51.1160, -31.7880

Conversions

Conversions Part 2

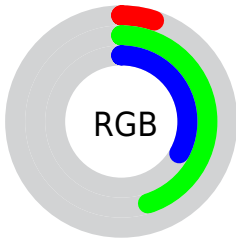
Format	Color
RYB	13, 74, 116
Decimal	881748
CIELab	43.09, -35.46, 10.11
CIELCh	43, 36.873, 164.082
Yxy	13.2164, 0.2524, 0.4163
Android (android.graphics.Color)	4279071828 (0xFF0D7454)
YUV	81.5550, 1.2054, -60.1227
Hunter-Lab	36.3544, -24.2833, 8.2972

Details

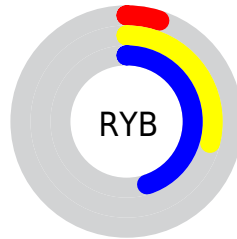
The Hex color **0D7454** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **740D2D**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **4FA986**, and **004327** is the 20% darker color. If you saturate the color by 10%, you get **017450**, and if you desaturate by 10%, it is **197458**.

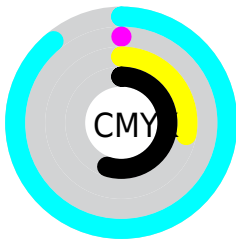
Distribution



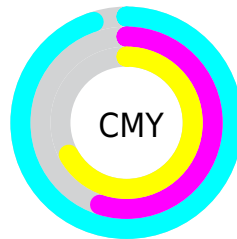
- Red (5%)
- Green (45%)
- Blue (33%)



- Red (5%)
- Yellow (29%)
- Blue (45%)



- Cyan (89%)
- Magenta (0%)
- Yellow (28%)
- Black (55%)



- Cyan (95%)
- Magenta (55%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D7454 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 0D7454 by changing the saturation by 10% instead.

 0D7454

 0D7454

FFFFFF

 005B3D

 4FA986

 004327

 6BC4A0

 002C12

 86E1BB

 001300

 A2FDD7

 000000

 BFFFF3

 DCFFFF

 F9FFFF

 0D7454

 0D7454

■ 017450

■ 197458

■ 007450

■ 24745B

■ 30745F

■ 3B7462

■ 477466

■ 53746A

■ 5E746D

■ 6A7471

■ 757474

Harmonies

Analogous

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



477038



0D7454



007574

Triad

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



0D7454



4C64A1



98533D

Complementary

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



0D7454



740D2D

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.



9F4C59



0D7454



7A5892

Square

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



0D7454



006EA0



964E77



855E2A

Rectangle

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



0D7454



007487



964E77



9C5045

Sweetspot

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



0D7454



6E968A



2E740D



344D45



CCCCCC



4D4D4D

Same Dimension

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



0D7454



009668



0D6174



353B39



007A54



00FAAC

Inverse Universe

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



740D2D



96002F



74200D



3B3537



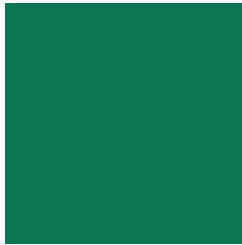
7A0026



FA004E

Previews

White Background



This preview shows how the Hex color 0D7454 looks on a white background.

Color Contrast Check

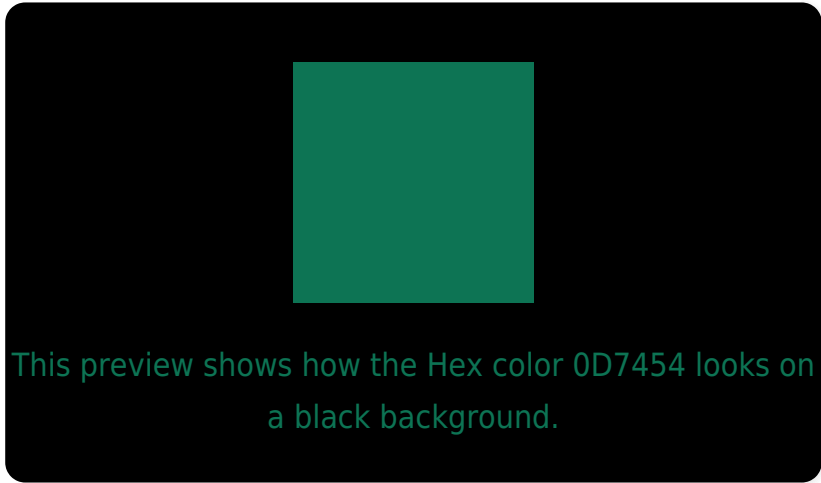
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

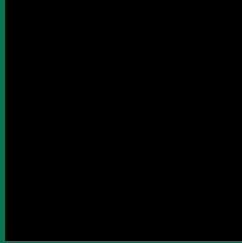
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 0D7454 Background



This preview shows how black text looks on a background with the Hex color 0D7454.



This preview shows how white text looks on a background with the Hex color 0D7454.

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
0D7454

Protanopia
6C654D

Deuteranopia
746258



Tritanopia
286F78

Trichromacy



Original Color
0D7454



Protanomaly
496A50



Deuteranomaly
4F6957



Tritanomaly
1E716B

Monochromacy



Original Color
0D7454



Achromatopsia
525252



Achromatomaly
395E53

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D7454 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 #0D7454 looks like.

```
.text, #text, p{  
    color:#0D7454  
}
```

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 #0D7454 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D7454
}
```

Border

The CSS property to change the border of an element to Hex 0D7454 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
#0D7454 }
```

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

```
.border{ border-color:#0D7454 }
```

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

Here you see how a box with a 4 pixel #0D7454 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D7454; -webkit-box-shadow:4px 4px  
4px 4px #0D7454; box-shadow:4px 4px 4px  
4px #0D7454 }
```

Background

The CSS property to change the background color of an element to Hex 0D7454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D7454 }
```

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

```
.background{ background-color:#0D7454 }
```

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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