

Converting Colors

Hex(047D54)

Have a look what the booklet for
Hex(047D54) contains.

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Color

Hex(047D54)

Conversions

Conversions Part 1

Format	Color
Hex	047D54
RGB	4, 125, 84
RGB Percent	2%, 49%, 33%
CMY	0.9843, 0.5098, 0.6706
CMYK	0.97, 0.00, 0.33, 0.51
HSL	160°, 94%, 25%
HSV	160°, 97%, 49%
XYZ	8.9839, 15.3331, 10.8736
YIQ	84.1470, -58.9550, -38.4030

Conversions

Conversions Part 2

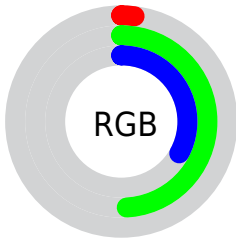
Format	Color
RYB	4, 77, 125
Decimal	294228
CIELab	46.09, -39.86, 14.26
CIELCh	46, 42.329, 160.317
Yxy	15.3331, 0.2553, 0.4357
Android (android.graphics.Color)	4278484308 (0xFF047D54)
YUV	84.1470, -0.0725, -70.2889
Hunter-Lab	39.1575, -27.5724, 10.9461

Details

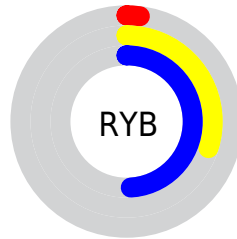
The Hex color **047D54** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **7D042D**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **4FB386**, and **004B27** is the 20% darker color. If you saturate the color by 10%, you get **007D53**, and if you desaturate by 10%, it is **117D58**.

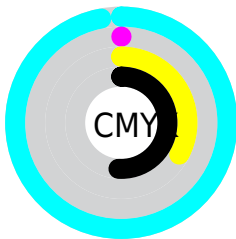
Distribution



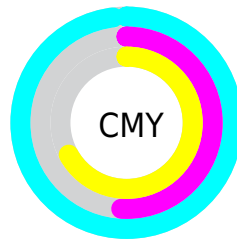
- Red (2%)
- Green (49%)
- Blue (33%)



- Red (2%)
- Yellow (30%)
- Blue (49%)



- Cyan (97%)
- Magenta (0%)
- Yellow (33%)
- Black (51%)



- Cyan (98%)
- Magenta (51%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 047D54 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 047D54 by changing the saturation by 10% instead.

 047D54

 047D54

FFFFFF

 00633D

 4FB386

 004B27

 6BCEA0

 003312

 87EBBB

 001E00


 A4FFD7

 000000

 C1FFF3

 DEFFFF

 FBFFFF

 047D54

 047D54

■ 007D53

■ 117D58

■ 1D7D5C

■ 2A7D61

■ 367D65

■ 437D69

■ 4F7D6D

■ 5C7D72

■ 687D76

■ 757D7A

Harmonies

Analogous

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



4F7834



047D54



007F79

Triad

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



047D54



426DB3



A95541

Complementary

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



047D54



7D042D

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.



AF4E62



047D54



7F5FA3

Square

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



047D54



0077B0



A25286



946329

Rectangle

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



047D54



007E90



A25286



AC524B

Sweetspot

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



047D54



74A393



2E7D04



355248



D1D1D1



525252

Same Dimension

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



047D54



00A36C



046B7D



39403E



008054



000000

Inverse Universe

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



7D042D



A30037



7D1604



40393C



80002B



000000

Previews

White Background



This preview shows how the Hex color 047D54 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 047D54 Background



This preview shows how black text looks on a background with the Hex color 047D54.

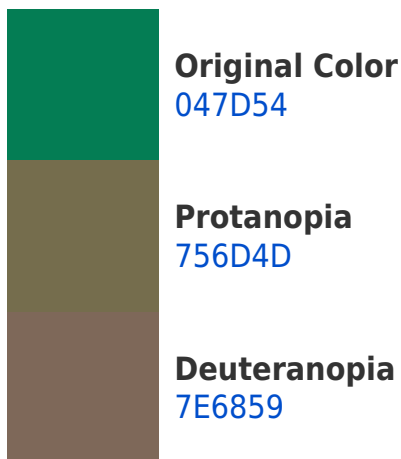


This preview shows how white text looks on a background with the Hex color 047D54.

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
2B7781

Trichromacy



Original Color

047D54



Protanomaly

4C7350



Deuteranomaly

527057



Tritanomaly

1D7971

Monochromacy



Original Color

047D54



Achromatopsia

545454



Achromatomaly

376354

CSS Examples

Text

The CSS property to change the color of the text to Hex 047D54 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 #047D54 looks like.

```
.text, #text, p{  
    color:#047D54  
}
```

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 #047D54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #047D54
}
```

Border

The CSS property to change the border of an element to Hex 047D54 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
#047D54 }
```

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

```
.border{ border-color:#047D54 }
```

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

Here you see how a box with a 4 pixel #047D54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #047D54; -webkit-box-shadow:4px 4px  
4px 4px #047D54; box-shadow:4px 4px 4px  
4px #047D54 }
```

Background

The CSS property to change the background color of an element to Hex 047D54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#047D54 }
```

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

```
.background{ background-color:#047D54 }
```

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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