

Converting Colors

Hex(007548)

Have a look what the booklet for
Hex(007548) contains.

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Color

Hex(007548)

Conversions

Conversions Part 1

Format	Color
Hex	007548
RGB	0, 117, 72
RGB Percent	0%, 46%, 28%
CMY	1.0000, 0.5412, 0.7176
CMYK	1.00, 0.00, 0.38, 0.54
HSL	157°, 100%, 23%
HSV	157°, 100%, 46%
XYZ	7.5310, 13.1905, 8.2800
YIQ	76.8870, -55.2870, -38.7990

Conversions

Conversions Part 2

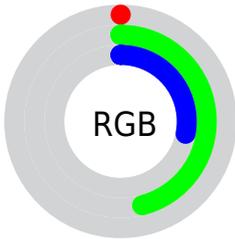
Format	Color
RYB	0, 72, 117
Decimal	30024
CIELab	43.05, -39.77, 17.08
CIELCh	43, 43.278, 156.762
Yxy	13.1905, 0.2597, 0.4548
Android (android.graphics.Color)	4278220104 (0xFF007548)
YUV	76.8870, -2.4093, -67.4299
Hunter-Lab	36.3187, -26.5442, 11.9061

Details

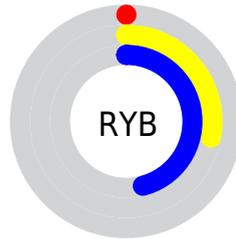
The Hex color **007548** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **75002D**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **4BAA79**, and **00431C** is the 20% darker color. If you saturate the color by 10%, you get **007548**, and if you desaturate by 10%, it is **0C754D**.

Distribution



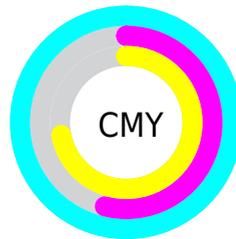
- Red (0%)
- Green (46%)
- Blue (28%)



- Red (0%)
- Yellow (28%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (54%)



- Cyan (100%)
- Magenta (54%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007548 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 007548 by changing the saturation by 10% instead.

 007548

 007548

FFFFFF

 005C31

 4BAA79

 00431C

 67C693

 002D03

 83E2AD

 001300

 9FFFC9

 000000

 BCFFE5

 D8FFFF

 F6FFFF

 007548

 0C754D

 177551

 237556

 2F755A

 3B755F

 467563

 527567

 5E756C

 697571

Harmonies

Analogous

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



4B7028



007548



00776D

Triad

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



007548



2967AD



A24C3D

Complementary

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



007548



75002D

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.



A7445F



007548



72599F

Square

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



007548



0071A7



974A83



8F5A22

Rectangle

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



007548



007785



974A83



A64848

Sweetspot

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



007548



6B9987



2F7500



314D42



CCCCCC



4D4D4D

Same Dimension

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



007548



00995E



006975



353B38



007A4B



00FA9A

Inverse Universe

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



75002D



99003B



750C00



3B3537



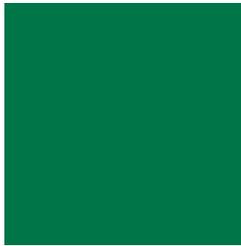
7A002F



FA0060

Previews

White Background



This preview shows how the Hex color 007548 looks on a white background.

Color Contrast Check

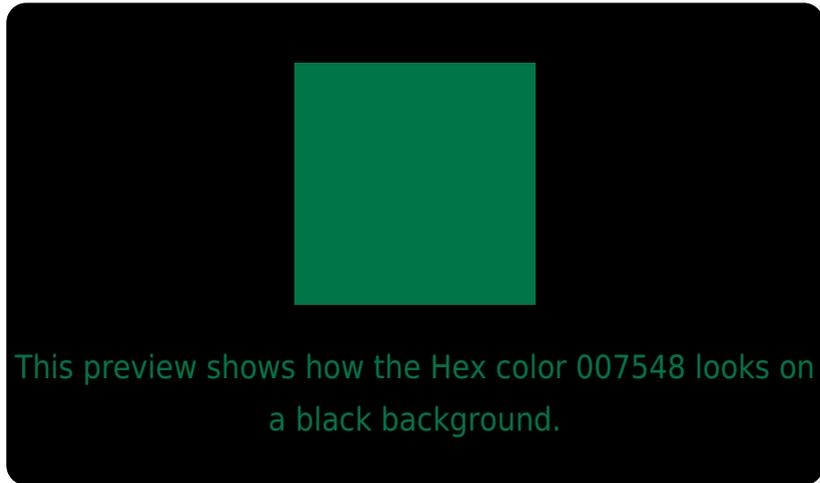
Large Text (above 18pt) WCAG AA ✓ Pass

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 007548 Background



This preview shows how black text looks on a background with the Hex color 007548.

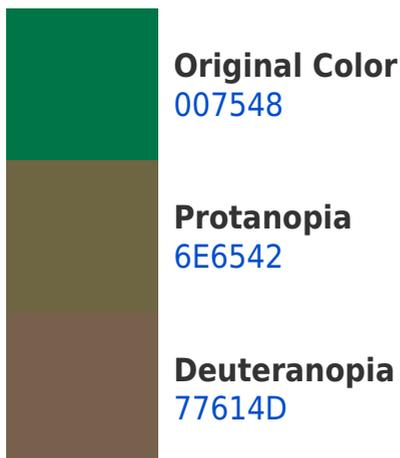


This preview shows how white text looks on a background with the Hex color 007548.

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
2A6F78

Trichromacy



Original Color
007548



Protanomaly
466B44



Deuteranomaly
4C684B



Tritanomaly
1B7167

Monochromacy



Original Color
007548



Achromatopsia
4D4D4D



Achromatomaly
315C4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 007548 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 #007548 looks like.

```
.text, #text, p{  
    color:#007548  
}
```

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 #007548 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007548
}
```

Border

The CSS property to change the border of an element to Hex 007548 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
#007548 }
```

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

```
.border{ border-color:#007548 }
```

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

Here you see how a box with a 4 pixel #007548 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007548; -webkit-box-shadow:4px 4px  
4px 4px #007548; box-shadow:4px 4px 4px  
4px #007548 }
```

Background

The CSS property to change the background color of an element to Hex 007548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007548 }
```

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

```
.background{ background-color:#007548 }
```

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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