

Converting Colors

Hex(007371)

Have a look what the booklet for
Hex(007371) contains.

Hex(007371)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(007371)

Conversions

Conversions Part 1

Format	Color
Hex	007371
RGB	0, 115, 113
RGB Percent	0%, 45%, 44%
CMY	1.0000, 0.5490, 0.5569
CMYK	1.00, 0.00, 0.02, 0.55
HSL	179°, 100%, 23%
HSV	179°, 100%, 45%
XYZ	9.1114, 13.4537, 17.7394
YIQ	80.3870, -67.8980, -25.0020

Conversions

Conversions Part 2

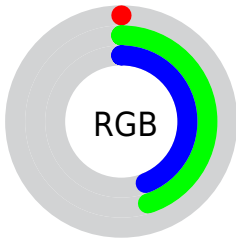
Format	Color
RYB	0, 58, 115
Decimal	29553
CIELab	43.44, -27.37, -6.75
CIELCh	43, 28.191, 193.859
Yxy	13.4537, 0.2261, 0.3338
Android (android.graphics.Color)	4278219633 (0xFF007371)
YUV	80.3870, 16.0782, -70.4994
Hunter-Lab	36.6793, -19.8483, -2.9992

Details

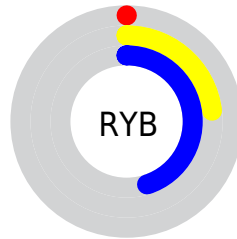
The Hex color **007371** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **730002**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **4EA7A5**, and **004241** is the 20% darker color. If you saturate the color by 10%, you get **007371**, and if you desaturate by 10%, it is **0B7371**.

Distribution



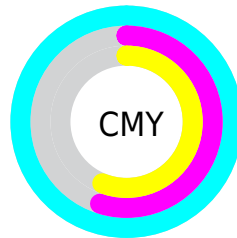
- Red (0%)
- Green (45%)
- Blue (44%)



- Red (0%)
- Yellow (23%)
- Blue (45%)



- Cyan (100%)
- Magenta (0%)
- Yellow (2%)
- Black (55%)



- Cyan (100%)
- Magenta (55%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007371 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 007371 by changing the saturation by 10% instead.

007371

007371

FFFFFF

005A59

4EA7A5

004241

6AC3C0

002B2B

86DFDC

001517

A3FCF8

000000

BFFFFFF

DDFFFF

FAFFFF

007371

■ 0B7371

■ 177371

■ 237372

■ 2E7372

■ 3A7372

■ 457372

■ 517372

■ 5C7373

■ 687373

Harmonies

Analogous

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



327259



007371



007186

Triad

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



007371



775D88



80613A

Complementary

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



007371



730002

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.



8F5947



007371



8C5674

Square

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



007371



566594



94545D



6B6938

Rectangle

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



007371



176E90



94545D



865E3D

Sweetspot

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



007371



699696



047300



314D4C



CCCCCC



4D4D4D

Same Dimension

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



007371



009694



003D73



353B3B



007A78



00FAF6

Inverse Universe

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



730002



960003



733600



3B3535



7A0002



FA0004

Previews

White Background



This preview shows how the Hex color 007371 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

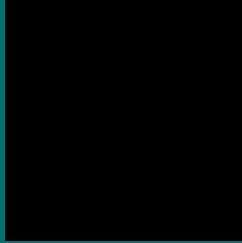
Any Text WCAG AA × Fail

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 007371 Background



This preview shows how black text looks on a background with the Hex color 007371.

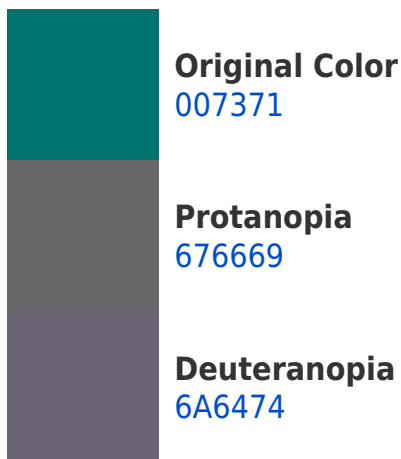


This preview shows how white text looks on a background with the Hex color 007371.

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



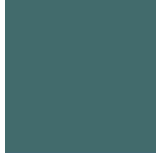


Tritanopia
17727B

Trichromacy



Original Color
007371



Protanomaly
426B6C



Deuteranomaly
436973

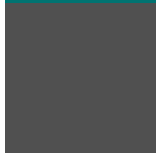


Tritanomaly
0F7277

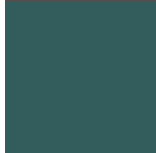
Monochromacy



Original Color
007371



Achromatopsia
505050



Achromatomaly
335D5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 007371 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 #007371 looks like.

```
.text, #text, p{  
    color:#007371  
}
```

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 #007371 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007371
}
```

Border

The CSS property to change the border of an element to Hex 007371 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
#007371 }
```

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

```
.border{ border-color:#007371 }
```

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

Here you see how a box with a 4 pixel #007371 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007371; -webkit-box-shadow:4px 4px  
4px 4px #007371; box-shadow:4px 4px 4px  
4px #007371 }
```

Background

The CSS property to change the background color of an element to Hex 007371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007371 }
```

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

```
.background{ background-color:#007371 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor