

Converting Colors

Hex(008370)

Have a look what the booklet for
Hex(008370) contains.

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Color

Hex(008370)

Conversions

Conversions Part 1

Format	Color
Hex	008370
RGB	0, 131, 112
RGB Percent	0%, 51%, 44%
CMY	1.0000, 0.4863, 0.5608
CMYK	1.00, 0.00, 0.15, 0.49
HSL	171°, 100%, 26%
HSV	171°, 100%, 51%
XYZ	11.0409, 17.4025, 18.1063
YIQ	89.6650, -71.9770, -33.6810

Conversions

Conversions Part 2

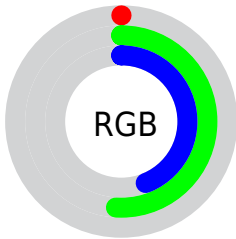
Format	Color
RYB	0, 71, 131
Decimal	33648
CIELab	48.76, -35.19, 1.68
CIELCh	49, 35.228, 177.268
Yxy	17.4025, 0.2372, 0.3738
Android (android.graphics.Color)	4278223728 (0xFF008370)
YUV	89.6650, 11.0112, -78.6362
Hunter-Lab	41.7162, -25.7603, 3.4674

Details

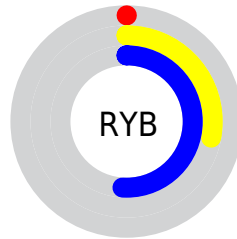
The Hex color **008370** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **830013**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **51B9A4**, and **005140** is the 20% darker color. If you saturate the color by 10%, you get **008370**, and if you desaturate by 10%, it is **0D8372**.

Distribution



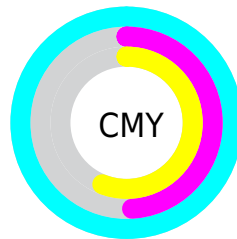
- Red (0%)
- Green (51%)
- Blue (44%)



- Red (0%)
- Yellow (28%)
- Blue (51%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (49%)



- Cyan (100%)
- Magenta (49%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008370 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 008370 by changing the saturation by 10% instead.

 008370

 008370

FFFFFF

 006958

 51B9A4

 005140

 6ED5BF

 00392A

 8BF1DA

 002416

 A8FFF7

 000000

 C5FFFF

 E2FFFF

 008370

 0D8372

 1A8374

 278376

 348378

 428379

 4F837B

 5C837D

 69837F

 768381

Harmonies

Analogous

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



468052



008370



00838E

Triad

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



008370



726DA9



9F6642

Complementary

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



008370



830013

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.



AC5E5A



008370



966294

Square

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



008370



3B78AF



A95C78



887137

Rectangle

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



008370



00819F



A95C78



A56349

Sweetspot

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



008370



78ABA3



148300



375752



D6D6D6



575757

Same Dimension

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



008370



00AB92



005583



3C4241



00826F



000302

Inverse Universe

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



830013



AB0019



832E00



423C3D



820013



030000

Previews

White Background



This preview shows how the Hex color 008370 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

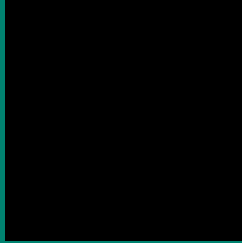
Any Text WCAG AA × Fail

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 008370 Background



This preview shows how black text looks on a background with the Hex color 008370.

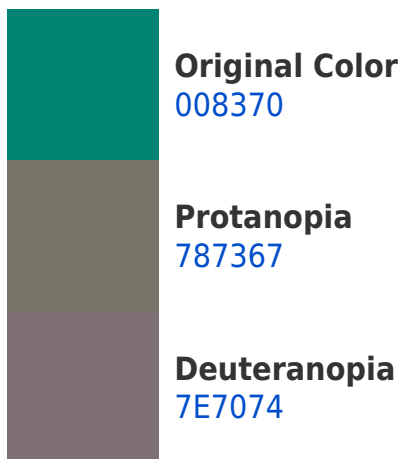


This preview shows how white text looks on a background with the Hex color 008370.

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
247F8A

Trichromacy



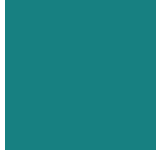
Original Color
008370



Protanomaly
4C796A



Deuteranomaly
507773

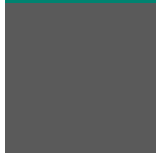


Tritanomaly
178081

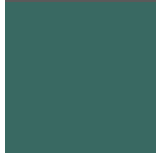
Monochromacy



Original Color
008370



Achromatopsia
5A5A5A



Achromatomaly
396962

CSS Examples

Text

The CSS property to change the color of the text to Hex 008370 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 #008370 looks like.

```
.text, #text, p{  
    color:#008370  
}
```

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 #008370 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008370
}
```

Border

The CSS property to change the border of an element to Hex 008370 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
#008370 }
```

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

```
.border{ border-color:#008370 }
```

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

Here you see how a box with a 4 pixel #008370 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008370; -webkit-box-shadow:4px 4px  
4px 4px #008370; box-shadow:4px 4px 4px  
4px #008370 }
```

Background

The CSS property to change the background color of an element to Hex 008370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008370 }
```

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

```
.background{ background-color:#008370 }
```

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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