

Converting Colors

Hex(008953)

Have a look what the booklet for
Hex(008953) contains.

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Color

Hex(008953)

Conversions

Conversions Part 1

Format	Color
Hex	008953
RGB	0, 137, 83
RGB Percent	0%, 54%, 33%
CMY	1.0000, 0.4627, 0.6745
CMYK	1.00, 0.00, 0.39, 0.46
HSL	156°, 100%, 27%
HSV	156°, 100%, 54%
XYZ	10.5070, 18.5159, 11.2038
YIQ	89.8810, -64.3180, -45.8380

Conversions

Conversions Part 2

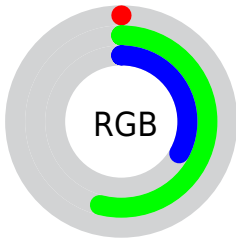
Format	Color
RYB	0, 85, 137
Decimal	35155
CIELab	50.12, -45.02, 20.27
CIElCh	50, 49.371, 155.755
Yxy	18.5159, 0.2612, 0.4603
Android (android.graphics.Color)	4278225235 (0xFF008953)
YUV	89.8810, -3.3923, -78.8256
Hunter-Lab	43.0301, -31.7168, 14.6837

Details

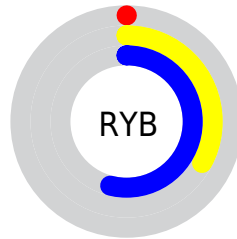
The Hex color **008953** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **890036**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **51BF85**, and **005625** is the 20% darker color. If you saturate the color by 10%, you get **008953**, and if you desaturate by 10%, it is **0E8958**.

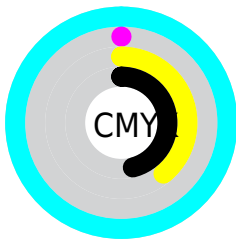
Distribution



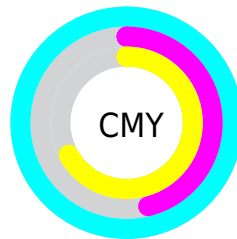
- Red (0%)
- Green (54%)
- Blue (33%)



- Red (0%)
- Yellow (33%)
- Blue (54%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (46%)



- Cyan (100%)
- Magenta (46%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008953 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 008953 by changing the saturation by 10% instead.

 008953

 008953

FFFFFF

 006F3C

 51BF85

 005625

 6FDC9F

 003D10

 8BF9BA

 002800

 A8FFD6

 000100

 C5FFF3

 000000

 E2FFFF

 008953

 0E8958

 1B895E

 298963

 378969

 45896E

 528973

 608979

 6E897E

 7B8984

Harmonies

Analogous

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



5A832E



008953



008B7E

Triad

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



008953



2879CB



BF5848

Complementary

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



008953



890036

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.



C35071



008953



8469BC

Square

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



008953



0085C3



B0579B



A86828

Rectangle

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



008953



008B9B



B0579B



C35455

Sweetspot

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



008953



7DB39D



378900



39594D



D9D9D9



595959

Same Dimension

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



008953



00B36C



007B89



3E4542



008550



000503

Inverse Universe

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



890036



B30046



890E00



453E41



850034



050002

Previews

White Background



This preview shows how the Hex color 008953 looks on a white background.

Color Contrast Check

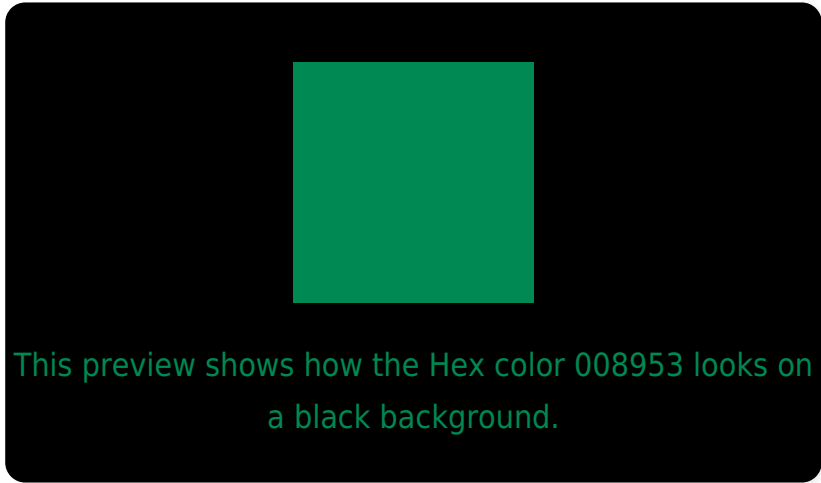
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Hex 008953 Background



This preview shows how black text looks on a background with the Hex color 008953.

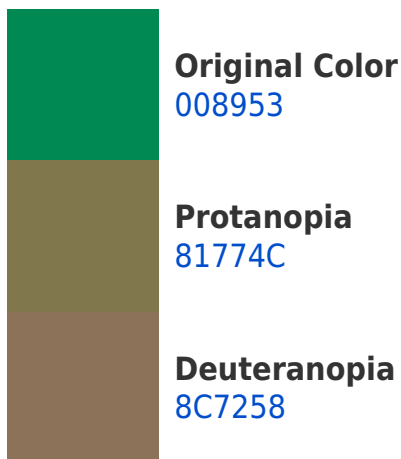


This preview shows how white text looks on a background with the Hex color 008953.

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
32828D

Trichromacy



Original Color
008953



Protanomaly
527E4F



Deuteranomaly
597A56



Tritanomaly
208578

Monochromacy



Original Color
008953



Achromatopsia
5A5A5A



Achromatomaly
396B57

CSS Examples

Text

The CSS property to change the color of the text to Hex 008953 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 #008953 looks like.

```
.text, #text, p{  
    color:#008953  
}
```

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 #008953 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008953
}
```

Border

The CSS property to change the border of an element to Hex 008953 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
#008953 }
```

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

```
.border{ border-color:#008953 }
```

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

Here you see how a box with a 4 pixel #008953 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008953; -webkit-box-shadow:4px 4px  
4px 4px #008953; box-shadow:4px 4px 4px  
4px #008953 }
```

Background

The CSS property to change the background color of an element to Hex 008953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008953 }
```

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

```
.background{ background-color:#008953 }
```

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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