

Converting Colors

Hex(008E45)

Have a look what the booklet for
Hex(008E45) contains.

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Color

Hex(008E45)

Conversions

Conversions Part 1

Format	Color
Hex	008E45
RGB	0, 142, 69
RGB Percent	0%, 56%, 27%
CMY	1.0000, 0.4431, 0.7294
CMYK	1.00, 0.00, 0.51, 0.44
HSL	149°, 100%, 28%
HSV	149°, 100%, 56%
XYZ	10.7472, 19.7757, 8.8809
YIQ	91.2200, -61.1990, -52.8070

Conversions

Conversions Part 2

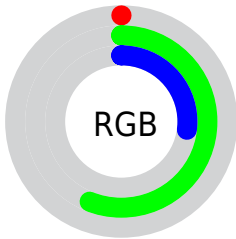
Format	Color
RYB	0, 96, 142
Decimal	36421
CIELab	51.58, -49.52, 29.79
CIELCh	52, 57.791, 148.975
Yxy	19.7757, 0.2727, 0.5019
Android (android.graphics.Color)	4278226501 (0xFF008E45)
YUV	91.2200, -10.9545, -79.9999
Hunter-Lab	44.4698, -34.6835, 19.2883

Details

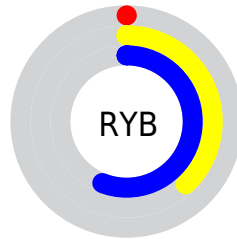
The Hex color **008E45** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **8E0049**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **53C577**, and **005A16** is the 20% darker color. If you saturate the color by 10%, you get **008E45**, and if you desaturate by 10%, it is **0E8E4C**.

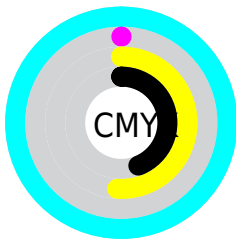
Distribution



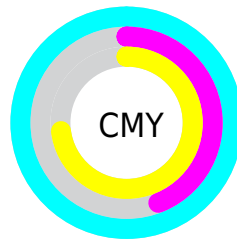
- Red (0%)
- Green (56%)
- Blue (27%)



- Red (0%)
- Yellow (38%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (51%)
- Black (44%)



- Cyan (100%)
- Magenta (44%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008E45 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 008E45 by changing the saturation by 10% instead.

 008E45

 008E45

FFFFFF

 00742D

 53C577

 005A16

 71E191

 004100

 8EFEAC

 002C00

 AAFFC7

 000B00

 C8FFE3

 000000

 E5FFFF

 008E45

 0E8E4C

 1C8E54

 2B8E5B

 398E62

 478E6A

 558E71

 638E78

 728E7F

 808E87

Harmonies

Analogous

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



648617



008E45



009278

Triad

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



008E45



0081DE



D0504E

Complementary

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



008E45



8E0049

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.



D0497F



008E45



766FD2

Square

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



008E45



008DCF



B458AF



BA6423

Rectangle

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



008E45



00929A



B458AF



D34B5E

Sweetspot

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



008E45



81B89B



498E00



3B5C4B



DBDBDB



5C5C5C

Same Dimension

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



008E45



00B859



008E8C



404744



008742



000804

Inverse Universe

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



8E0049



B8005E



8E0002



474044



870045



080004

Previews

White Background



This preview shows how the Hex color 008E45 looks on a white background.

Color Contrast Check

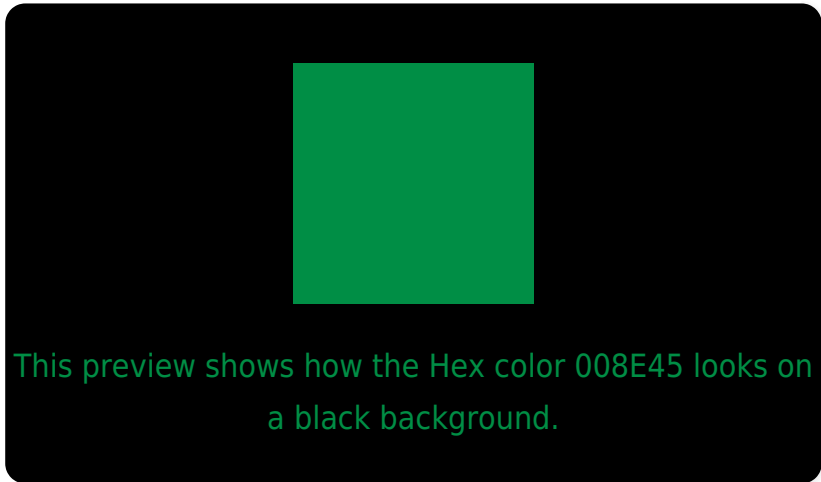
Large Text (above 18pt) WCAG AA ✓ Pass

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 008E45 Background



This preview shows how black text looks on a background with the Hex color 008E45.



This preview shows how white text looks on a background with the Hex color 008E45.

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



Original Color
008E45

Protanopia
877A3E

Deuteranopia
94754B



Tritanopia
378691

Trichromacy



Original Color
008E45



Protanomaly
568141



Deuteranomaly
5E7E49



Tritanomaly
238975

Monochromacy



Original Color
008E45



Achromatopsia
5B5B5B



Achromatomaly
3A6E53

CSS Examples

Text

The CSS property to change the color of the text to Hex 008E45 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 #008E45 looks like.

```
.text, #text, p{  
    color:#008E45  
}
```

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 #008E45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008E45
}
```

Border

The CSS property to change the border of an element to Hex 008E45 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
#008E45 }
```

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

```
.border{ border-color:#008E45 }
```

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

Here you see how a box with a 4 pixel #008E45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008E45; -webkit-box-shadow:4px 4px  
4px 4px #008E45; box-shadow:4px 4px 4px  
4px #008E45 }
```

Background

The CSS property to change the background color of an element to Hex 008E45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008E45 }
```

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

```
.background{ background-color:#008E45 }
```

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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