

Converting Colors

Hex(008455)

Have a look what the booklet for
Hex(008455) contains.

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Color

Hex(008455)

Conversions

Conversions Part 1

Format	Color
Hex	008455
RGB	0, 132, 85
RGB Percent	0%, 52%, 33%
CMY	1.0000, 0.4824, 0.6667
CMYK	1.00, 0.00, 0.36, 0.48
HSL	159°, 100%, 26%
HSV	159°, 100%, 52%
XYZ	9.8910, 17.1584, 11.3849
YIQ	87.1740, -63.5850, -42.6010

Conversions

Conversions Part 2

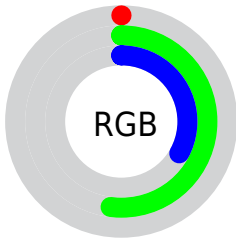
Format	Color
RYB	0, 80, 132
Decimal	33877
CIELab	48.46, -42.66, 16.91
CIELCh	48, 45.890, 158.372
Yxy	17.1584, 0.2573, 0.4464
Android (android.graphics.Color)	4278223957 (0xFF008455)
YUV	87.1740, -1.0718, -76.4516
Hunter-Lab	41.4227, -29.8673, 12.7002

Details

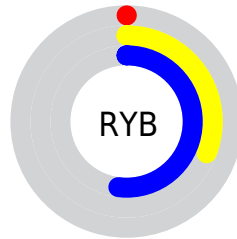
The Hex color **008455** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **84002F**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **50BA87**, and **005127** is the 20% darker color. If you saturate the color by 10%, you get **008455**, and if you desaturate by 10%, it is **0D845A**.

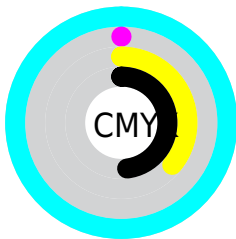
Distribution



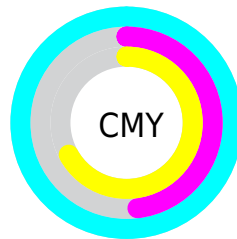
- Red (0%)
- Green (52%)
- Blue (33%)



- Red (0%)
- Yellow (31%)
- Blue (52%)



- Cyan (100%)
- Magenta (0%)
- Yellow (36%)
- Black (48%)



- Cyan (100%)
- Magenta (48%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008455 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 008455 by changing the saturation by 10% instead.

 008455

 008455

FFFFFF

 006A3E

 50BA87

 005127

 6DD6A1

 003912

 89F3BC

 002400

 A6FFD8

 000000

 C3FFF5

 E0FFFF

 FEFFFF

 008455

 0D845A

 1A845E

 288463

 358468

 42846C

 4F8471

 5C8476

 6A847B

 77847F

Harmonies

Analogous

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



547E33



008455



00867D

Triad

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



008455



3B74C0



B55845

Complementary

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



008455



84002F

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.



BA506A



008455



8364B0

Square

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



008455



007FBB



AB5590



9F6729

Rectangle

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



008455



008697



AB5590



B85450

Sweetspot

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



008455



78AB99



308400



37574C



D6D6D6



575757

Same Dimension

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



008455



00AB6E



007284



3C4240



008254



000302

Inverse Universe

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



84002F



AB003D



841200



423C3E



82002E



030001

Previews

White Background



This preview shows how the Hex color 008455 looks on a white background.

Color Contrast Check

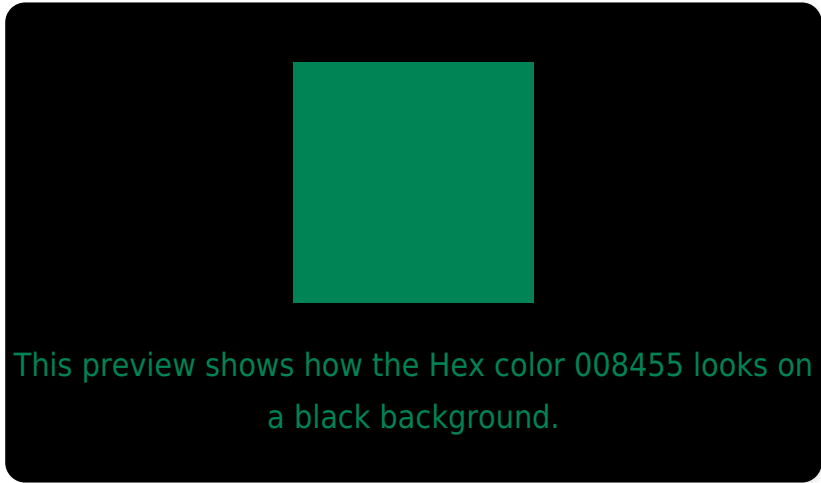
Large Text (above 18pt) WCAG AA ✓ Pass

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

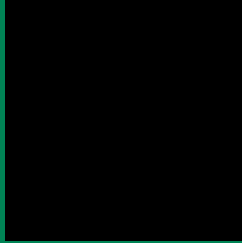
Any Text WCAG AA × Fail

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 008455 Background



This preview shows how black text looks on a background with the Hex color 008455.



This preview shows how white text looks on a background with the Hex color 008455.

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
008455

Protanopia
7C734E

Deuteranopia
866E5A



Tritanopia
2E7E88

Trichromacy



Original Color
008455



Protanomaly
4F7951



Deuteranomaly
557658



Tritanomaly
1D8075

Monochromacy



Original Color
008455



Achromatopsia
575757



Achromatomaly
376756

CSS Examples

Text

The CSS property to change the color of the text to Hex 008455 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 #008455 looks like.

```
.text, #text, p{  
    color:#008455  
}
```

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 #008455 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008455
}
```

Border

The CSS property to change the border of an element to Hex 008455 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
#008455 }
```

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

```
.border{ border-color:#008455 }
```

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

Here you see how a box with a 4 pixel #008455 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008455; -webkit-box-shadow:4px 4px  
4px 4px #008455; box-shadow:4px 4px 4px  
4px #008455 }
```

Background

The CSS property to change the background color of an element to Hex 008455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008455 }
```

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

```
.background{ background-color:#008455 }
```

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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