

# Converting Colors

Hex(008437)

Have a look what the booklet for  
Hex(008437) contains.

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**Color**

**Hex(008437)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	008437
RGB	0, 132, 55
RGB Percent	0%, 52%, 22%
CMY	1.0000, 0.4824, 0.7843
CMYK	1.00, 0.00, 0.58, 0.48
HSL	145°, 100%, 26%
HSV	145°, 100%, 52%
XYZ	8.9409, 16.7784, 6.3817
YIQ	83.7540, -53.9550, -51.9310

# Conversions

## Conversions Part 2

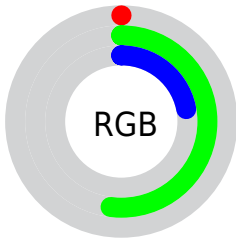
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 93, 132</a>
Decimal	<a href="#">33847</a>
CIELab	<a href="#">47.98, -48.38, 32.62</a>
CIELCh	<a href="#">48, 58.348, 146.008</a>
Yxy	<a href="#">16.7784, 0.2785, 0.5227</a>
Android (android.graphics.Color)	<a href="#">4278223927 (0xFF008437)</a>
YUV	<a href="#">83.7540, -14.1757, -73.4523</a>
Hunter-Lab	<a href="#">40.9614, -32.7204, 19.4357</a>

# Details

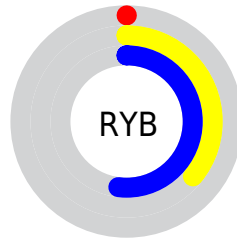
The Hex color **008437** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **84004D**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **50BA68**, and **005106** is the 20% darker color. If you saturate the color by 10%, you get **008437**, and if you desaturate by 10%, it is **0D843F**.

# Distribution



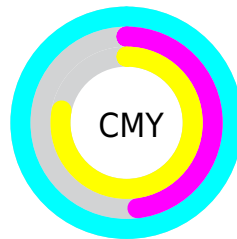
- Red (0%)
- Green (52%)
- Blue (22%)



- Red (0%)
- Yellow (36%)
- Blue (52%)



- Cyan (100%)
- Magenta (0%)
- Yellow (58%)
- Black (48%)



- Cyan (100%)
- Magenta (48%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008437 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 008437 by changing the saturation by 10% instead.



 008437

 008437

FFFFFF

 006A1F

 50BA68

 005106

 6DD682

 003900

 8AF39C

 002300

 A7FFB8

 000000

 C3FFD3

 E1FFF0

 008437

 0D843F

 1A8446

 28844E

 358456

 42845E

 4F8465

 5C846D

 6A8475

 77847C

# Harmonies

## Analogous

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



5F7C01



008437



008869

# Triad

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



008437



007AD5



C7444A

# Complementary

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



008437



84004D

# 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.



C53E7B



008437



6368CB

# Square

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



008437



0084C3



A650AA



B3591D

# Rectangle

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



008437



00888C



A650AA



C93F5A



# Sweetspot

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



008437



78AB8D



4D8400



375744



D6D6D6



575757



# Same Dimension

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



008437



00AB47



008479



3C423E



008236



000301



# Inverse Universe

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



84004D



AB0064



84000B



423C40



82004C



030001



# Previews

## White Background



This preview shows how the Hex color 008437 looks on a white background.

## Color Contrast Check

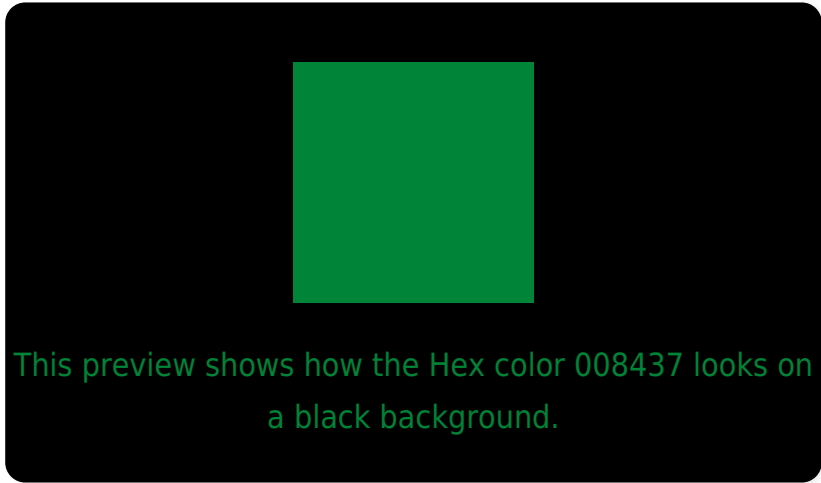
Large Text (above 18pt) WCAG AA ✓ Pass

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 008437 Background



This preview shows how black text looks on a background with the Hex color 008437.



This preview shows how white text looks on a background with the Hex color 008437.

# 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**  
008437

**Protanopia**  
7E7231

**Deuteranopia**  
8B6C3E



**Tritanopia**  
347C86

# Trichromacy



**Original Color**  
008437



**Protanomaly**  
507933



**Deuteranomaly**  
58753B



**Tritanomaly**  
217F69

# Monochromacy



**Original Color**  
008437



**Achromatopsia**  
545454



**Achromatomaly**  
356549

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008437 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 #008437 looks like.

```
.text, #text, p{  
    color:#008437  
}
```

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 #008437 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008437
}
```

## Border

The CSS property to change the border of an element to Hex 008437 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
#008437 }
```

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

```
.border{ border-color:#008437 }
```

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

Here you see how a box with a 4 pixel #008437 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008437; -webkit-box-shadow:4px 4px  
4px 4px #008437; box-shadow:4px 4px 4px  
4px #008437 }
```

# Background

The CSS property to change the background color of an element to Hex 008437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008437 }
```

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

```
.background{ background-color:#008437 }
```

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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