

# Converting Colors

Hex(008626)

Have a look what the booklet for  
Hex(008626) contains.

<b>Hex(008626)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(008626)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	008626
RGB	0, 134, 38
RGB Percent	0%, 53%, 15%
CMY	1.0000, 0.4745, 0.8510
CMYK	1.00, 0.00, 0.72, 0.47
HSL	137°, 100%, 26%
HSV	137°, 100%, 53%
XYZ	8.8749, 17.1901, 4.6840
YIQ	82.9900, -49.0480, -58.2640

# Conversions

## Conversions Part 2

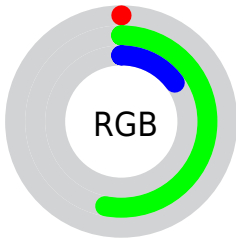
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 104, 134
Decimal	34342
CIELab	48.50, -51.18, 41.13
CIELCh	48, 65.653, 141.213
Yxy	17.1901, 0.2886, 0.5590
Android (android.graphics.Color)	4278224422 (0xFF008626)
YUV	82.9900, -22.1801, -72.7822
Hunter-Lab	41.4610, -34.3478, 22.3245

# Details

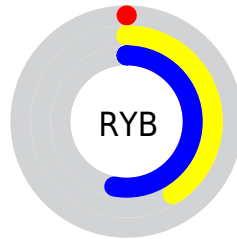
The Hex color **008626** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **860060**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **52BC58**, and **005300** is the 20% darker color. If you saturate the color by 10%, you get **008626**, and if you desaturate by 10%, it is **0D8630**.

# Distribution



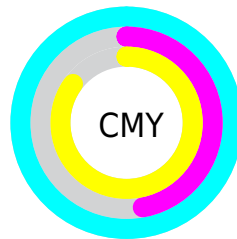
- Red (0%)
- Green (53%)
- Blue (15%)



- Red (0%)
- Yellow (41%)
- Blue (53%)



- Cyan (100%)
- Magenta (0%)
- Yellow (72%)
- Black (47%)



- Cyan (100%)
- Magenta (47%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008626 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 008626 by changing the saturation by 10% instead.



 008626

 008626

FFFFFF

 006C09

 52BC58

 005300

 6FD972

 003A00

 8CF68D

 002400

 A9FFA8

 000000

 C6FFC3

 E3FFE0

 FFFFFD

 008626

 0D8630

 1B8639

 288643

 36864C

 438656

 508660

 5E8669

 6B8673

 79867C

# Harmonies

## Analogous

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



667C00



008626



008B60

# Triad

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



008626



007FE2



D3374F

# Complementary

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



008626



860060

# 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.



CD3586



008626



486CDC

# Square

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



008626



0089C9



A550BA



BF5219

# Rectangle

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



008626



008C87



A550BA



D43261



# Sweetspot

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



008626



79AD88



608600



375740



D6D6D6



575757



# Same Dimension

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



008626



00AD31



008669



3C423E



008225



000301



# Inverse Universe

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



860060



AD007C



86001D



423C40



82005D



030002



# Previews

## White Background



This preview shows how the Hex color 008626 looks on a white background.

## Color Contrast Check

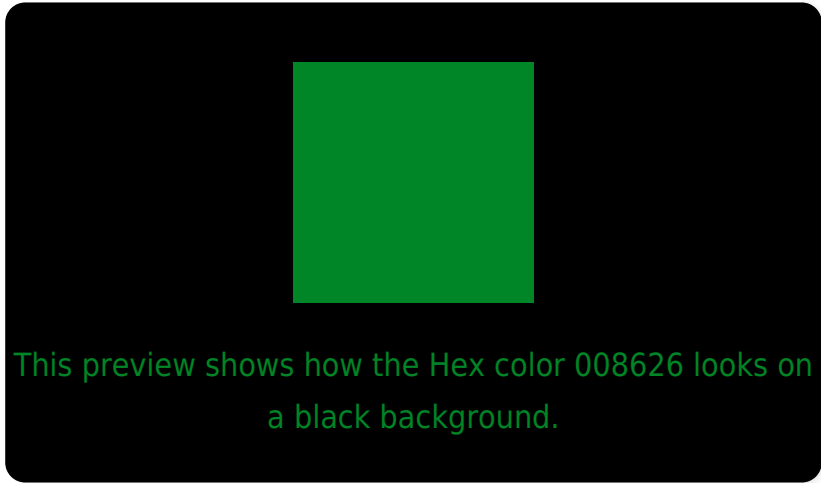
Large Text (above 18pt) WCAG AA ✓ Pass

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 008626 Background



This preview shows how black text looks on a background with the Hex color 008626.



This preview shows how white text looks on a background with the Hex color 008626.

# 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**  
008626

**Protanopia**  
817321

**Deuteranopia**  
8F6D2F



**Tritanopia**  
377D87

# Trichromacy



**Original Color**  
008626



**Protanomaly**  
527A23



**Deuteranomaly**  
5B762C



**Tritanomaly**  
238064

# Monochromacy



**Original Color**  
008626



**Achromatopsia**  
535353



**Achromatomaly**  
356643

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008626 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 #008626 looks like.

```
.text, #text, p{  
    color:#008626  
}
```

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 #008626 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008626
}
```

## Border

The CSS property to change the border of an element to Hex 008626 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
#008626 }
```

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

```
.border{ border-color:#008626 }
```

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

Here you see how a box with a 4 pixel #008626 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008626; -webkit-box-shadow:4px 4px  
4px 4px #008626; box-shadow:4px 4px 4px  
4px #008626 }
```

# Background

The CSS property to change the background color of an element to Hex 008626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008626 }
```

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

```
.background{ background-color:#008626 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor