

# Converting Colors

Hex(43863B)

Have a look what the booklet for  
Hex(43863B) contains.

<b>Hex(43863B)</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(43863B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	43863B
RGB	67, 134, 59
RGB Percent	26%, 53%, 23%
CMY	0.7373, 0.4745, 0.7686
CMYK	0.50, 0.00, 0.56, 0.47
HSL	114°, 39%, 38%
HSV	114°, 56%, 53%
XYZ	11.6293, 18.5593, 7.1070
YIQ	105.4170, -15.8570, -37.5290

# Conversions

## Conversions Part 2

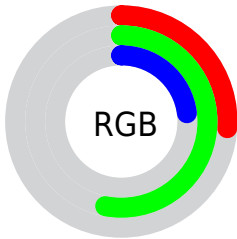
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 134, 126
Decimal	4425275
CIELab	50.17, -36.98, 33.56
CIELCh	50, 49.936, 137.781
Yxy	18.5593, 0.3118, 0.4976
Android (android.graphics.Color)	4282615355 (0xFF43863B)
YUV	105.4170, -22.8836, -33.6917
Hunter-Lab	43.0805, -27.2060, 20.3752

# Details

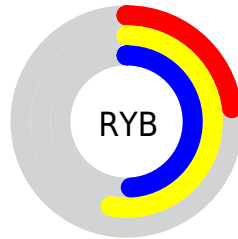
The Hex color **43863B** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7E3B86**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **78BC6C**, and **04530A** is the 20% darker color. If you saturate the color by 10%, you get **37862E**, and if you desaturate by 10%, it is **4F8648**.

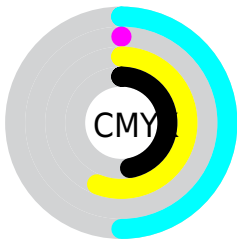
# Distribution



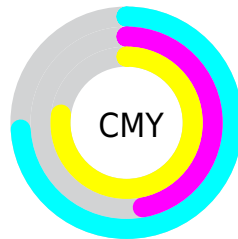
- Red (26%)
- Green (53%)
- Blue (23%)



- Red (23%)
- Yellow (53%)
- Blue (49%)



- Cyan (50%)
- Magenta (0%)
- Yellow (56%)
- Black (47%)



- Cyan (74%)
- Magenta (47%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 43863B 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 43863B by changing the saturation by 10% instead.





43863B



43863B

FFFFFF



286C23



78BC6C



04530A



93D886



003C00



AFF4A1



002700



CBFFBC



000100



E8FFD8



000000



FFFFF5



43863B



43863B



37862E



4F8648

 2B8620

 5B8656

 1F8613

 678663

 138605

 738671

 0E8600

 7F867E

 8B868B

 978699

 A386A6

 AF86B4

# Harmonies

## Analogous

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



757D1E



43863B



008B64

# Triad

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



43863B



0081CA



C55160

# Complementary

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



43863B



7E3B86

# 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.



BC528B



43863B



5873C9

# Square

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



43863B



0089B5



9961B1



B85E3A

# Rectangle

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



43863B



008C82



9961B1



C44F6E



# Sweetspot

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



43863B



93AD90



867D3B



475745



D6D6D6



575757



# Same Dimension

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



43863B



46AD39



3B8658



3C423C



0E8200



000300



# Inverse Universe

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



7E3B86



A139AD



863B69



423C42



740082



020003



# Previews

## White Background



This preview shows how the Hex color 43863B looks on a white background.

## Color Contrast Check

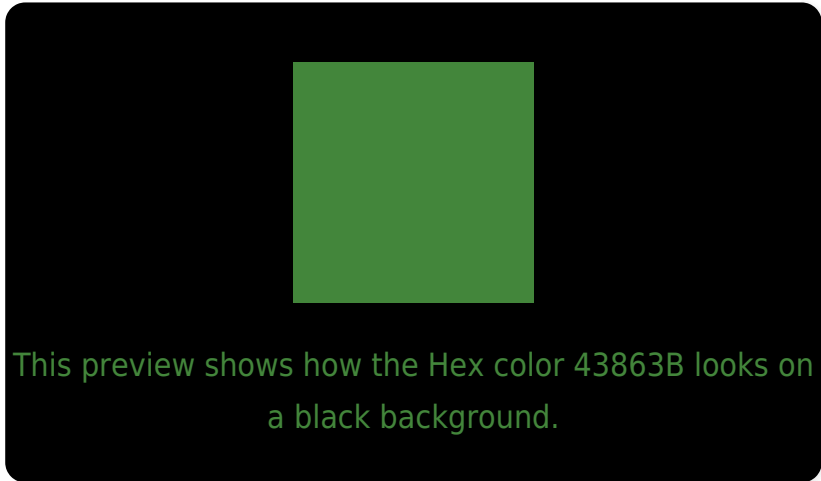
Large Text (above 18pt) WCAG AA ✓ Pass

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 43863B Background



This preview shows how black text looks on a background with the Hex color 43863B.



This preview shows how white text looks on a background with the Hex color 43863B.

# 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**  
43863B

**Protanopia**  
847736

**Deuteranopia**  
917141



**Tritanopia**  
537E88

# Trichromacy



**Original Color**  
43863B

**Protanomaly**  
6C7C38

**Deuteranomaly**  
75793F

**Tritanomaly**  
4D816C

# Monochromacy



**Original Color**  
43863B

**Achromatopsia**  
696969

**Achromatomaly**  
5B7458

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 43863B 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 #43863B looks like.

```
.text, #text, p{  
    color:#43863B  
}
```

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 #43863B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43863B
}
```

## Border

The CSS property to change the border of an element to Hex 43863B 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
#43863B }
```

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

```
.border{ border-color:#43863B }
```

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

Here you see how a box with a 4 pixel #43863B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43863B; -webkit-box-shadow:4px 4px  
4px 4px #43863B; box-shadow:4px 4px 4px  
4px #43863B }
```

# Background

The CSS property to change the background color of an element to Hex 43863B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43863B }
```

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

```
.background{ background-color:#43863B }
```

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