

# Converting Colors

Hex(44963A)

Have a look what the booklet for  
Hex(44963A) contains.

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# Color

Hex(44963A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	44963A
RGB	68, 150, 58
RGB Percent	27%, 59%, 23%
CMY	0.7333, 0.4118, 0.7725
CMYK	0.55, 0.00, 0.61, 0.41
HSL	113°, 44%, 41%
HSV	113°, 61%, 59%
XYZ	14.0540, 23.3471, 7.7687
YIQ	114.9940, -19.3400, -45.9960

# Conversions

## Conversions Part 2

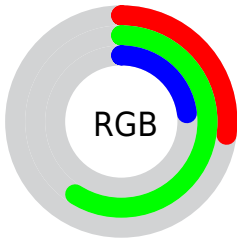
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 150, 140
Decimal	4494906
CIELab	55.43, -43.48, 40.20
CIElCh	55, 59.218, 137.246
Yxy	23.3471, 0.3111, 0.5169
Android (android.graphics.Color)	4282684986 (0xFF44963A)
YUV	114.9940, -28.0980, -41.2137
Hunter-Lab	48.3189, -32.6397, 24.2905

# Details

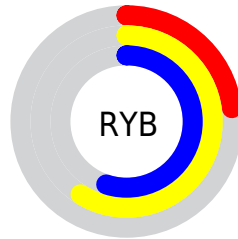
The Hex color **44963A** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8C3A96**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **7BCD6C**, and **006203** is the 20% darker color. If you saturate the color by 10%, you get **37962B**, and if you desaturate by 10%, it is **519649**.

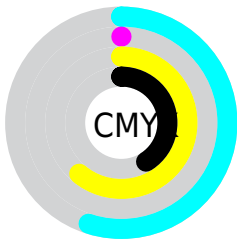
# Distribution



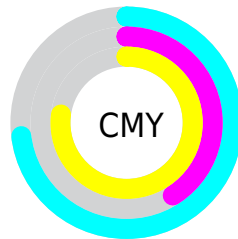
- Red (27%)
- Green (59%)
- Blue (23%)



- Red (23%)
- Yellow (59%)
- Blue (55%)



- Cyan (55%)
- Magenta (0%)
- Yellow (61%)
- Black (41%)



- Cyan (73%)
- Magenta (41%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 44963A 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 44963A by changing the saturation by 10% instead.





44963A



44963A

FFFFFF



267C21



7BCD6C



006203



97E987



004900



B3FFA2



003200



D0FFBD



001B00



EDFFD9



000000



FFFFFF6



44963A



44963A



37962B



519649

■ 29961C

■ 5F9658

■ 1C960D

■ 6C9667

■ 109600

■ 799676

■ 879685

■ 949694

■ A296A3

■ AF96B2

■ BC96C1

# Harmonies

## Analogous

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



828B10



44963A



009C6C

# Triad

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



44963A



0091E9



E15469

# Complementary

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



44963A



8C3A96

# 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.



D6569D



44963A



5880E7

# Square

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



44963A



009ACF



AC6ACB



D2653A

# Rectangle

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



44963A



009D90



AC6ACB



E1527A



# Sweetspot

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



44963A



A3C29F



968B3A



4E614C



E0E0E0



616161



# Same Dimension

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



44963A



42C232



3A965D



434A43



0F8A00



010A00



# Inverse Universe

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



8C3A96



B232C2



963A73



49434A



7B008A



09000A



# Previews

## White Background



This preview shows how the Hex color 44963A looks on a white background.

## Color Contrast Check

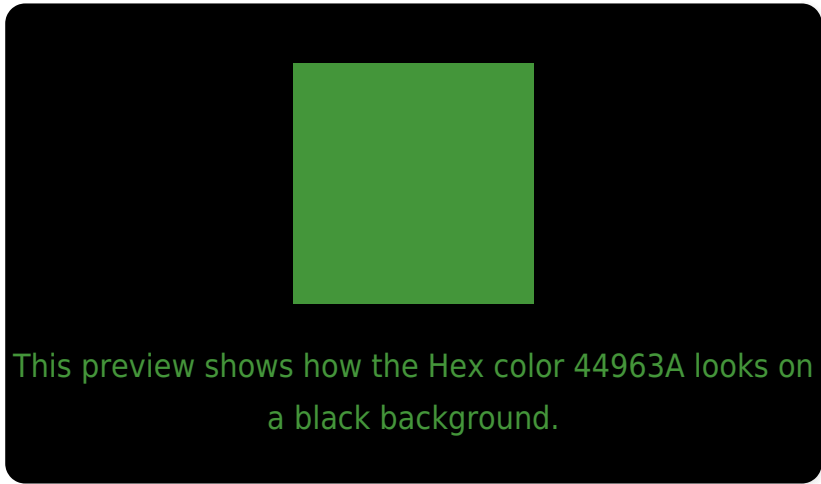
Large Text (above 18pt) WCAG AA ✓ Pass

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 44963A Background



This preview shows how black text looks on a background with the Hex color 44963A.



This preview shows how white text looks on a background with the Hex color 44963A.

# 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**  
44963A

**Protanopia**  
938435

**Deuteranopia**  
A27E41



**Tritanopia**  
588D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 44963A 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 #44963A looks like.

```
.text, #text, p{  
    color:#44963A  
}
```

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 #44963A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44963A
}
```

## Border

The CSS property to change the border of an element to Hex 44963A 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
#44963A }
```

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

```
.border{ border-color:#44963A }
```

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

Here you see how a box with a 4 pixel #44963A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44963A; -webkit-box-shadow:4px 4px  
4px 4px #44963A; box-shadow:4px 4px 4px  
4px #44963A }
```

# Background

The CSS property to change the background color of an element to Hex 44963A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44963A }
```

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

```
.background{ background-color:#44963A }
```

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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