

# Converting Colors

Hex(44883F)

Have a look what the booklet for  
Hex(44883F) contains.

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**Color**

**Hex(44883F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	44883F
RGB	68, 136, 63
RGB Percent	27%, 53%, 25%
CMY	0.7333, 0.4667, 0.7529
CMYK	0.50, 0.00, 0.54, 0.47
HSL	116°, 37%, 39%
HSV	116°, 54%, 53%
XYZ	12.0853, 19.1961, 7.7709
YIQ	107.3460, -17.0950, -37.1190

# Conversions

## Conversions Part 2

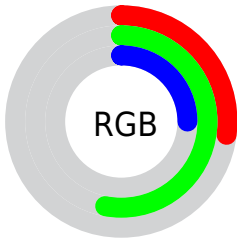
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 136, 131
Decimal	4491327
CIELab	50.92, -37.01, 32.41
CIELCh	51, 49.193, 138.785
Yxy	19.1961, 0.3095, 0.4915
Android (android.graphics.Color)	4282681407 (0xFF44883F)
YUV	107.3460, -21.8626, -34.5064
Hunter-Lab	43.8134, -27.4370, 20.1535

# Details

The Hex color **44883F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **833F88**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **79BE70**, and **06550F** is the 20% darker color. If you saturate the color by 10%, you get **378831**, and if you desaturate by 10%, it is **51884D**.

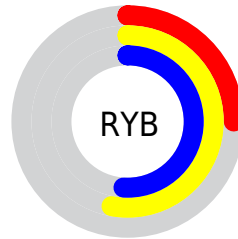
# Distribution



Red (27%)

Green (53%)

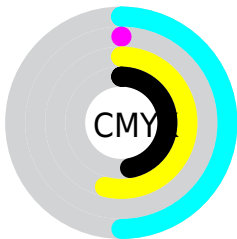
Blue (25%)



Red (25%)

Yellow (53%)

Blue (51%)

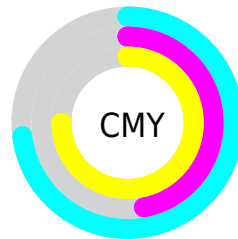


Cyan (50%)

Magenta (0%)

Yellow (54%)

Black (47%)



Cyan (73%)

Magenta (47%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 44883F 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 44883F by changing the saturation by 10% instead.





44883F



44883F

FFFFFF



296E27



79BE70



06550F



94DA8A



003D00



B0F7A5



002800



CCFFC1



000600



E9FFDD



000000



FFFFFF9



44883F



44883F



378831



51884D

 2B8824

 5D885A

 1E8816

 6A8868

 118809

 778875

 098800

 838883

 908891

 9D889E

 A988AC

 B688B9

# Harmonies

## Analogous

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



767F22



44883F



008D68

# Triad

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



44883F



0082CB



C65461

# Complementary

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



44883F



833F88

# 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.



BE558B



44883F



5E75C9

# Square

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



44883F



008BB8



9D63B1



B9613B

# Rectangle

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



44883F



008E85



9D63B1



C6526F



# Sweetspot

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



44883F



96B094



88823F



495948



D9D9D9



595959



# Same Dimension

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



44883F



47B03F



3F885D



3E453E



098500



000500



# Inverse Universe

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



833F88



A83FB0



883F6A



443E45



7C0085



050005



# Previews

## White Background



This preview shows how the Hex color 44883F looks on a white background.

## Color Contrast Check

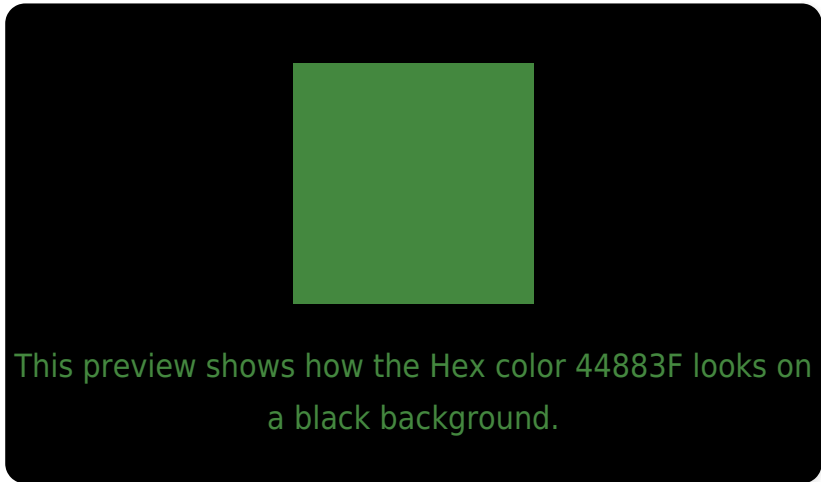
Large Text (above 18pt) WCAG AA ✓ Pass

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

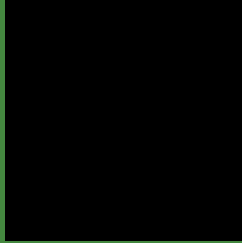
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 44883F Background



This preview shows how black text looks on a background with the Hex color 44883F.



This preview shows how white text looks on a background with the Hex color 44883F.

# 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**  
44883F

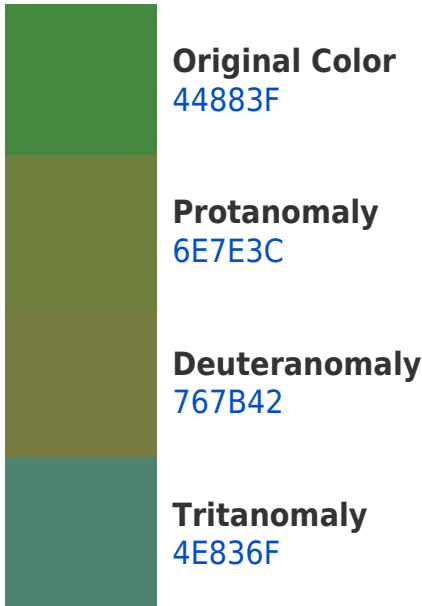
**Protanopia**  
86793A

**Deuteranopia**  
937344

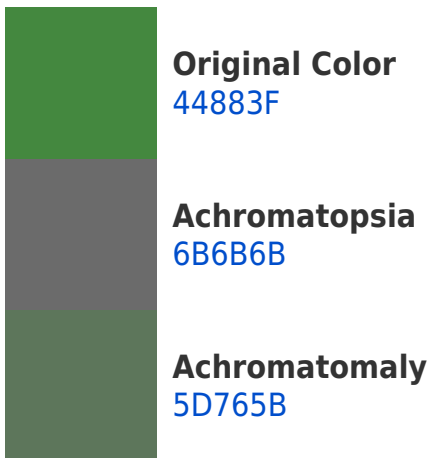


**Tritanopia**  
54808A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 44883F 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 #44883F looks like.

```
.text, #text, p{  
    color:#44883F  
}
```

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 #44883F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44883F
}
```

## Border

The CSS property to change the border of an element to Hex 44883F 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
#44883F }
```

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

```
.border{ border-color:#44883F }
```

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

Here you see how a box with a 4 pixel #44883F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44883F; -webkit-box-shadow:4px 4px  
4px 4px #44883F; box-shadow:4px 4px 4px  
4px #44883F }
```

# Background

The CSS property to change the background color of an element to Hex 44883F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44883F }
```

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

```
.background{ background-color:#44883F }
```

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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