

# Converting Colors

Hex(44633F)

Have a look what the booklet for  
Hex(44633F) contains.

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# Color

**Hex(44633F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	44633F
RGB	68, 99, 63
RGB Percent	27%, 39%, 25%
CMY	0.7333, 0.6118, 0.7529
CMYK	0.31, 0.00, 0.36, 0.61
HSL	112°, 22%, 32%
HSV	112°, 36%, 39%
XYZ	7.7429, 10.5115, 6.3235
YIQ	85.6270, -6.9200, -17.7680

# Conversions

## Conversions Part 2

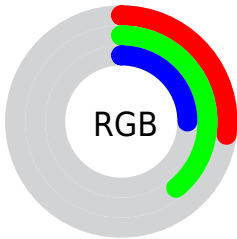
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 99, 94
Decimal	4481855
CIELab	38.75, -19.22, 16.94
CIElCh	39, 25.618, 138.614
Yxy	10.5115, 0.3150, 0.4277
Android (android.graphics.Color)	4282671935 (0xFF44633F)
YUV	85.6270, -11.1551, -15.4589
Hunter-Lab	32.4215, -14.1079, 11.1311

# Details

The Hex color **44633F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5E3F63**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **75966F**, and **163414** is the 20% darker color. If you saturate the color by 10%, you get **3B6335**, and if you desaturate by 10%, it is **4D6349**.

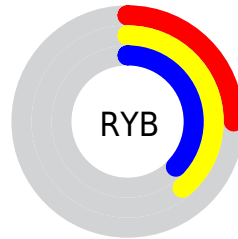
# Distribution



Red (27%)

Green (39%)

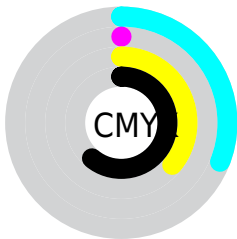
Blue (25%)



Red (25%)

Yellow (39%)

Blue (37%)

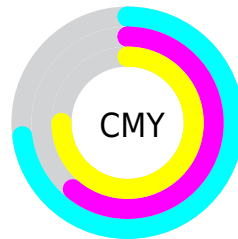


Cyan (31%)

Magenta (0%)

Yellow (36%)

Black (61%)



Cyan (73%)

Magenta (61%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 44633F 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 44633F by changing the saturation by 10% instead.



 44633F

 44633F

FFFFFF

 2D4B29

 75966F

 163414

 8FB188

 001F00

 AACCA3

 000000

 C5E8BE

 E2FFDA

 FEFFF6

 44633F

 44633F

 3B6335

 4D6349

■ 33632B

■ 556353

■ 2A6321

■ 5E635D

■ 226317

■ 666367

■ 19630D

■ 6F6371

■ 116304

■ 77637A

■ 0E6300

■ 806384

■ 88638E

■ 916398

# Harmonies

## Analogous

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



5C5E33



44633F



286652

# Triad

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



44633F



2D6084



844B4F

# Complementary

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



44633F



5E3F63

# 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.



7E4C64



44633F



525983

# Square

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



44633F



00647A



6D5177



7E503D

# Rectangle

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



44633F



0E6661



6D5177



834B56



# Sweetspot

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



44633F



738071



635E3F



394037



BFBFBF



404040



# Same Dimension

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



44633F



4F8047



3F634C



2C302C



107000



21F000



# Inverse Universe

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



5E3F63



784780



633F56



302C30



610070

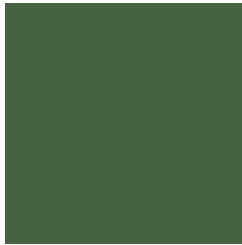


CE00F0



# Previews

## White Background



This preview shows how the Hex color 44633F looks on a white background.

## Color Contrast Check

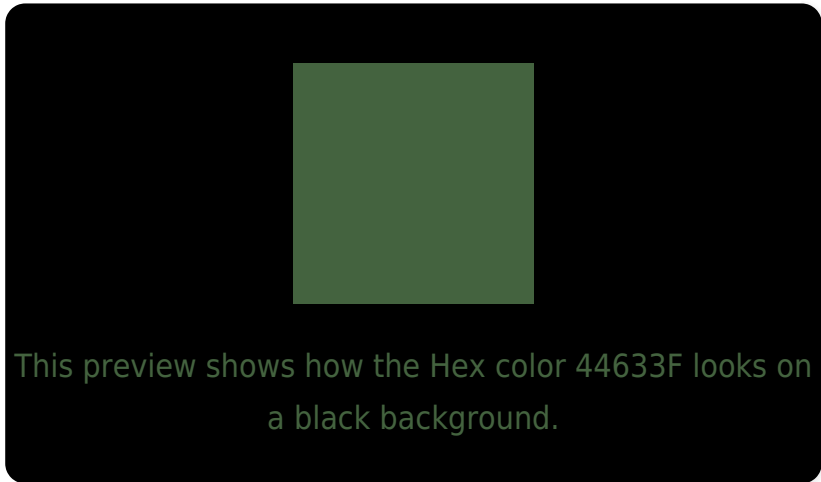
Large Text (above 18pt) WCAG AA ✓ Pass

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

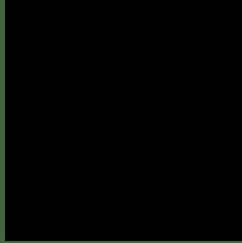
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 44633F Background



This preview shows how black text looks on a background with the Hex color 44633F.



This preview shows how white text looks on a background with the Hex color 44633F.

# 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](#).

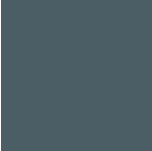
## Dichromacy



**Original Color**  
44633F

**Protanopia**  
635B3C

**Deuteranopia**  
6C5742



**Tritanopia**  
4B5E66

# Trichromacy



**Original Color**  
44633F

**Protanomaly**  
585E3D

**Deuteranomaly**  
5D5B41

**Tritanomaly**  
486058

# Monochromacy



**Original Color**  
44633F

**Achromatopsia**  
565656

**Achromatomaly**  
4F5B4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 44633F 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 #44633F looks like.

```
.text, #text, p{  
    color:#44633F  
}
```

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 #44633F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44633F
}
```

## Border

The CSS property to change the border of an element to Hex 44633F 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
#44633F }
```

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

```
.border{ border-color:#44633F }
```

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

Here you see how a box with a 4 pixel #44633F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44633F; -webkit-box-shadow:4px 4px  
4px 4px #44633F; box-shadow:4px 4px 4px  
4px #44633F }
```

# Background

The CSS property to change the background color of an element to Hex 44633F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44633F }
```

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

```
.background{ background-color:#44633F }
```

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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