

Converting Colors

Hex(44583F)

Have a look what the booklet for
Hex(44583F) contains.

Hex(44583F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(44583F)

Conversions

Conversions Part 1

Format	Color
Hex	44583F
RGB	68, 88, 63
RGB Percent	27%, 35%, 25%
CMY	0.7333, 0.6549, 0.7529
CMYK	0.23, 0.00, 0.28, 0.65
HSL	108°, 17%, 30%
HSV	108°, 28%, 35%
XYZ	6.7708, 8.5673, 5.9994
YIQ	79.1700, -3.8950, -12.0150

Conversions

Conversions Part 2

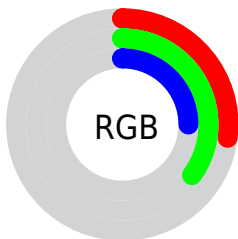
Format	Color
RYB	63, 88, 83
Decimal	4479039
CIELab	35.14, -13.15, 12.06
CIELCh	35, 17.844, 137.467
Yxy	8.5673, 0.3173, 0.4015
Android (android.graphics.Color)	4282669119 (0xFF44583F)
YUV	79.1700, -7.9718, -9.7961
Hunter-Lab	29.2699, -9.9310, 8.3363

Details

The Hex color **44583F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **533F58**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **758A6F**, and **182A14** is the 20% darker color. If you saturate the color by 10%, you get **3D5836**, and if you desaturate by 10%, it is **4B5848**.

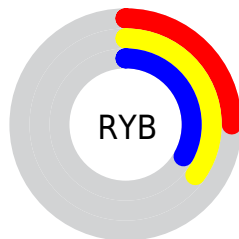
Distribution



Red (27%)

Green (35%)

Blue (25%)



Red (25%)

Yellow (35%)

Blue (33%)

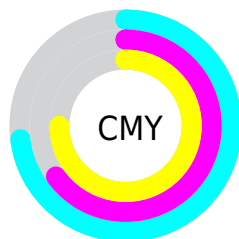


Cyan (23%)

Magenta (0%)

Yellow (28%)

Black (65%)



Cyan (73%)

Magenta (65%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44583F 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 44583F by changing the saturation by 10% instead.



44583F



44583F

FFFFFF



2D4129



758A6F



182A14



8EA488



001700



A9BFA2



000000



C4DBBE



E0F8D9



FDFFF6



44583F



44583F



3D5836



4B5848

■ 36582D

■ 525851

■ 2F5825

■ 595859

■ 28581C

■ 605862

■ 215813

■ 67586B

■ 1A580A

■ 6E5874

■ 135801

■ 75587D

■ 125800

■ 7C5885

■ 83588E

Harmonies

Analogous

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



545437



44583F



345A4C

Triad

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



44583F



37566E



6F484B

Complementary

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



44583F



533F58

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.



6B4959



44583F



4C516E

Square

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



44583F



275967



5F4C66



6C4B3E

Rectangle

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



44583F



2A5B56



5F4C66



6F4850

Sweetspot

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



44583F



6A7368



58533F



353B34



BABABA



3B3B3B

Same Dimension

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



44583F



54734C



3F5847



282B27



156B00



2FEB00

Inverse Universe

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



533F58



6B4C73



583F51



2A272B



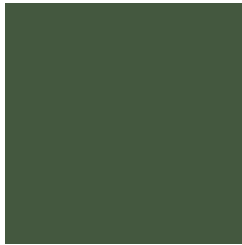
56006B



BC00EB

Previews

White Background



This preview shows how the Hex color 44583F looks on a white background.

Color Contrast Check

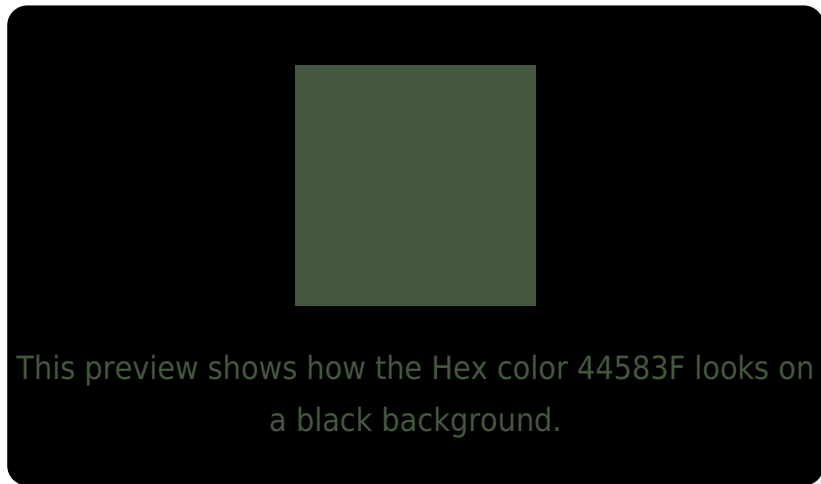
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

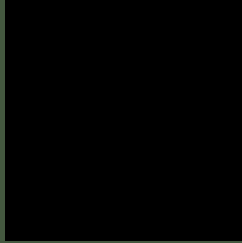
Any Text WCAG AA × Fail

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 44583F Background



This preview shows how black text looks on a background with the Hex color 44583F.



This preview shows how white text looks on a background with the Hex color 44583F.

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
44583F

Protanopia
59523C

Deuteranopia
604F41



Tritanopia
49545B

Trichromacy



Original Color
44583F

Protanomaly
51543D

Deuteranomaly
565240

Tritanomaly
475551

Monochromacy



Original Color
44583F

Achromatopsia
4F4F4F

Achromatomaly
4B5249

CSS Examples

Text

The CSS property to change the color of the text to Hex 44583F 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 #44583F looks like.

```
.text, #text, p{  
    color:#44583F  
}
```

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 #44583F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44583F
}
```

Border

The CSS property to change the border of an element to Hex 44583F is called "border". The border property can be set on classes, ids or directly on the HTML element.

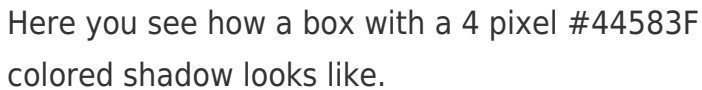
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#44583F }
```

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

```
.border{ border-color:#44583F }
```

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



Here you see how a box with a 4 pixel #44583F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44583F; -webkit-box-shadow:4px 4px  
4px 4px #44583F; box-shadow:4px 4px 4px  
4px #44583F }
```

Background

The CSS property to change the background color of an element to Hex 44583F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44583F }
```

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

```
.background{ background-color:#44583F }
```

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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