

Converting Colors

Hex(50343F)

Have a look what the booklet for
Hex(50343F) contains.

Hex(50343F)	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(50343F)

Conversions

Conversions Part 1

Format	Color
Hex	50343F
RGB	80, 52, 63
RGB Percent	31%, 20%, 25%
CMY	0.6863, 0.7961, 0.7529
CMYK	0.00, 0.35, 0.21, 0.69
HSL	336°, 21%, 26%
HSV	336°, 35%, 31%
XYZ	5.4335, 4.5203, 5.2888
YIQ	61.6260, 13.1570, 9.3570

Conversions

Conversions Part 2

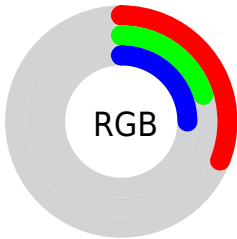
Format	Color
RYB	80, 52, 63
Decimal	5256255
CIELab	25.32, 14.50, -1.73
CIELCh	25, 14.602, 353.204
Yxy	4.5203, 0.3565, 0.2966
Android (android.graphics.Color)	4283446335 (0xFF50343F)
YUV	61.6260, 0.6774, 16.1140
Hunter-Lab	21.2611, 8.4104, 0.1342




Details

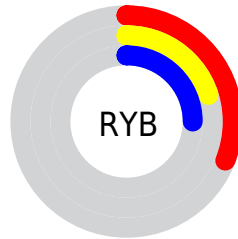
The Hex color **50343F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **345045**, and the grayscale version is **3E3E3E**.



A 20% lighter version of the original color is **82636F**, and **230815** is the 20% darker color. If you saturate the color by 10%, you get **502C3A**, and if you desaturate by 10%, it is **503C44**.

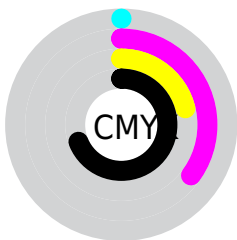
Distribution







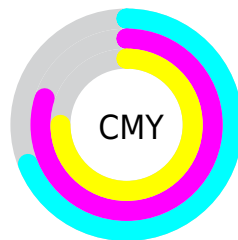
-  Red (31%)
-  Green (20%)
-  Blue (25%)






-  Red (31%)
-  Yellow (20%)
-  Blue (25%)



-  Cyan (0%)
-  Magenta (35%)
-  Yellow (21%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (80%)
-  Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50343F 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 50343F by changing the saturation by 10% instead.

■ 50343F

■ 50343F

FFFFFF

■ 391E29

■ 82636F

■ 230815

■ 9C7C88

■ 000000

■ B796A2

■ D3B1BD

■ EFCCD9

■ FFE8F5

■ 50343F

■ 50343F

■ 502C3A

■ 503C44

■ 502435

■ 504449

■ 501C30

■ 504C4E

■ 50142C

■ 505452

■ 500C27

■ 505C57

■ 500422

■ 50645C

■ 50001F

■ 506C61

■ 507466

■ 507C6B

Harmonies

Analogous

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



483649



50343F



523434

Triad

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



50343F



3B3E28



1C414D

Complementary

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



50343F



345045

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.



194244



50343F



2E412E

Square

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



50343F



463A26



224239



2A3E52

Rectangle

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



50343F



50362D



224239



19414B

Sweetspot

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



50343F



695D62



453450



362F31



B5B5B5



363636

Same Dimension

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



50343F



693D4E



503734



292526



690029



E8005B

Inverse Universe

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



50343F



693D4E



344D50



292526



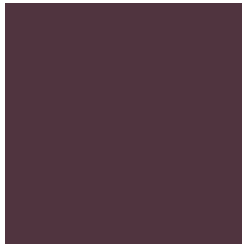
690029



E8005B

Previews

White Background



This preview shows how the Hex color 50343F looks on a white background.

Color Contrast Check

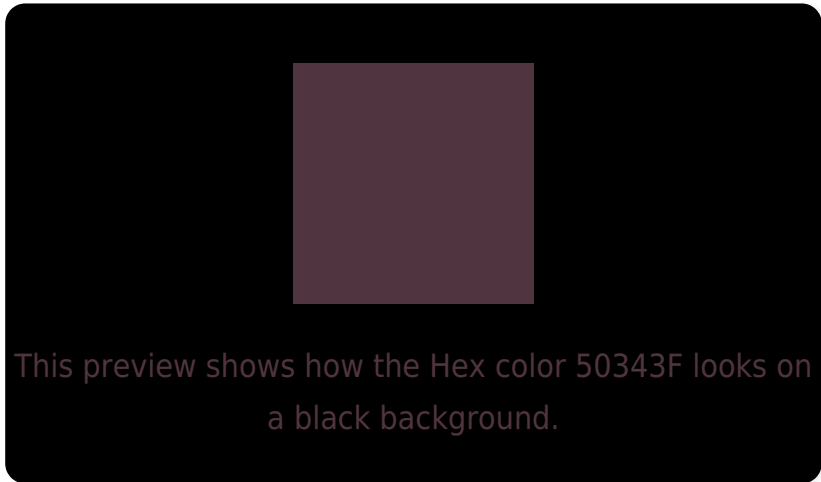
Large Text (above 18pt) WCAG AA ✓ Pass

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

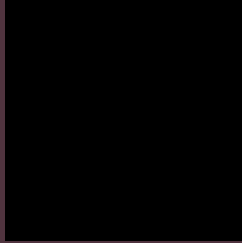
Any Text WCAG AA × Fail

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 50343F Background



This preview shows how black text looks on a background with the Hex color 50343F.



This preview shows how white text looks on a background with the Hex color 50343F.

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
50343F

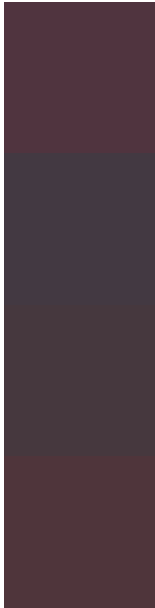
Protanopia
3B3C44

Deuteranopia
413A3E



Tritanopia
4F3539

Trichromacy



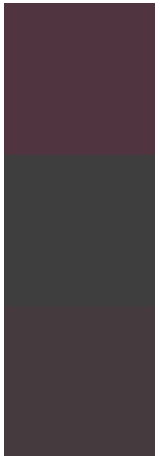
Original Color
50343F

Protanomaly
433942

Deuteranomaly
46383E

Tritanomaly
4F353B

Monochromacy



Original Color
50343F

Achromatopsia
3E3E3E

Achromatomaly
453A3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 50343F 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 #50343F looks like.

```
.text, #text, p{  
    color:#50343F  
}
```

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 #50343F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50343F
}
```

Border

The CSS property to change the border of an element to Hex 50343F is called "border". The border property can be set on classes, ids or directly on the HTML element.

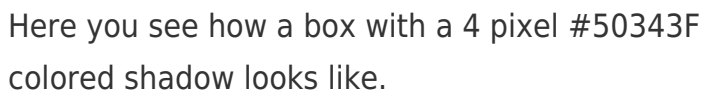
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#50343F }
```

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

```
.border{ border-color:#50343F }
```

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



Here you see how a box with a 4 pixel #50343F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50343F; -webkit-box-shadow:4px 4px  
4px 4px #50343F; box-shadow:4px 4px 4px  
4px #50343F }
```

Background

The CSS property to change the background color of an element to Hex 50343F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50343F }
```

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

```
.background{ background-color:#50343F }
```

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