

Converting Colors

Hex(46333A)

Have a look what the booklet for
Hex(46333A) contains.

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Color

Hex(46333A)

Conversions

Conversions Part 1

Format	Color
Hex	46333A
RGB	70, 51, 58
RGB Percent	27%, 20%, 23%
CMY	0.7255, 0.8000, 0.7725
CMYK	0.00, 0.27, 0.17, 0.73
HSL	338°, 16%, 24%
HSV	338°, 27%, 27%
XYZ	4.4733, 3.9752, 4.5345
YIQ	57.4790, 9.0770, 6.2050

Conversions

Conversions Part 2

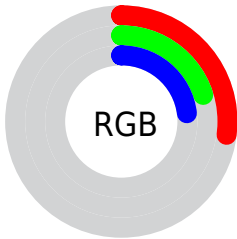
Format	Color
R_{YB}	70, 51, 58
Decimal	4600634
CIE Lab	23.59, 9.88, -1.07
CIE LCh	24, 9.937, 353.836
Yxy	3.9752, 0.3446, 0.3062
Android (android.graphics.Color)	4282790714 (0xFF46333A)
YUV	57.4790, 0.2569, 10.9809
Hunter-Lab	19.9380, 5.1572, 0.4722

Details

The Hex color **46333A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **33463F**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **776169**, and **1C050F** is the 20% darker color. If you saturate the color by 10%, you get **462C36**, and if you desaturate by 10%, it is **463A3E**.

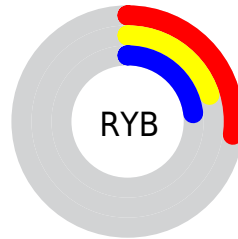
Distribution



 Red (27%)

 Green (20%)

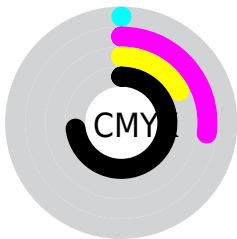
 Blue (23%)



 Red (27%)

 Yellow (20%)

 Blue (23%)

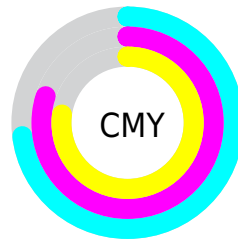


 Cyan (0%)

 Magenta (27%)

 Yellow (17%)

 Black (73%)



 Cyan (73%)

 Magenta (80%)

 Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46333A 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 46333A by changing the saturation by 10% instead.



46333A



46333A

FFFFFF



2F1E24



776169



1C050F



907A82



000000



AB949C



C6AFB7



E2CAD3



FFE6EF



46333A



46333A



462C36



463A3E

■ 462531

■ 464143

■ 461E2D

■ 464847

■ 461728

■ 464F4C

■ 461024

■ 465650

■ 46091F

■ 465D55

■ 46021B

■ 466459

■ 46001A

■ 466B5D

■ 467262

Harmonies

Analogous

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



403441



46333A



483332

Triad

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



46333A



373A2A



263B44

Complementary

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



46333A



33463F

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.



233C3E



46333A



2F3B2F

Square

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



46333A



3F3729



273C36



2D3947

Rectangle

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



46333A



46342E



273C36



243C42

Sweetspot

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



46333A



5C5457



3F3346



2E292B



ADADAD



2E2E2E

Same Dimension

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



46333A



5C3E49



463533



242021



630025



E30054

Inverse Universe

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



46333A



5C3E49



334446



242021



630025



E30054

Previews

White Background



This preview shows how the Hex color 46333A looks on a white background.

Color Contrast Check

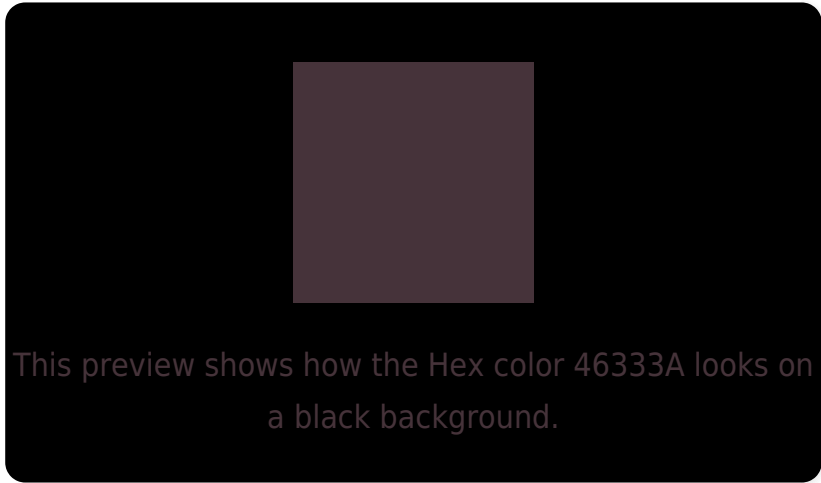
Large Text (above 18pt) WCAG AA ✓ Pass

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

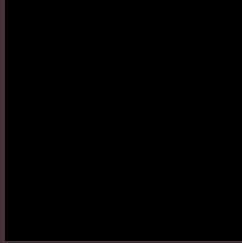
Any Text WCAG AA × Fail

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 46333A Background



This preview shows how black text looks on a background with the Hex color 46333A.



This preview shows how white text looks on a background with the Hex color 46333A.

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](#).

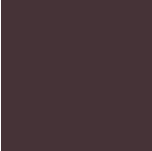
Dichromacy



Original Color
46333A

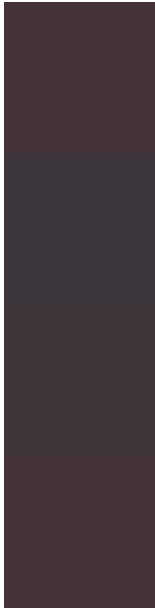
Protanopia
38383D

Deuteranopia
3D3739



Tritanopia
463337

Trichromacy



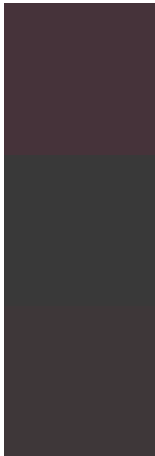
Original Color
46333A

Protanomaly
3D363C

Deuteranomaly
403639

Tritanomaly
463338

Monochromacy



Original Color
46333A

Achromatopsia
393939

Achromatomaly
3E3739

CSS Examples

Text

The CSS property to change the color of the text to Hex 46333A 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 #46333A looks like.

```
.text, #text, p{  
    color:#46333A  
}
```

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 #46333A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46333A
}
```

Border

The CSS property to change the border of an element to Hex 46333A 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
#46333A }
```

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

```
.border{ border-color:#46333A }
```

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

Here you see how a box with a 4 pixel #46333A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46333A; -webkit-box-shadow:4px 4px  
4px 4px #46333A; box-shadow:4px 4px 4px  
4px #46333A }
```

Background

The CSS property to change the background color of an element to Hex 46333A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46333A }
```

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

```
.background{ background-color:#46333A }
```

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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