

Converting Colors

Hex(444571)

Have a look what the booklet for
Hex(444571) contains.

Hex(444571)	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(444571)

Conversions

Conversions Part 1

Format	Color
Hex	444571
RGB	68, 69, 113
RGB Percent	27%, 27%, 44%
CMY	0.7333, 0.7294, 0.5569
CMYK	0.40, 0.39, 0.00, 0.56
HSL	239°, 25%, 35%
HSV	239°, 40%, 44%
XYZ	7.4927, 6.6774, 16.5168
YIQ	73.7170, -14.7200, 13.4720

Conversions

Conversions Part 2

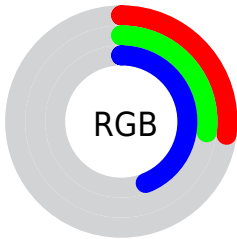
Format	Color
RYB	68, 69, 113
Decimal	4474225
CIELab	31.06, 11.54, -25.52
CIElCh	31, 28.012, 294.328
Yxy	6.6774, 0.2442, 0.2176
Android (android.graphics.Color)	4282664305 (0xFF444571)
YUV	73.7170, 19.3665, -5.0138
Hunter-Lab	25.8407, 6.5357, -19.8082

Details

The Hex color **444571** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **717044**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **7675A5**, and **141A41** is the 20% darker color. If you saturate the color by 10%, you get **393A71**, and if you desaturate by 10%, it is **4F5071**.

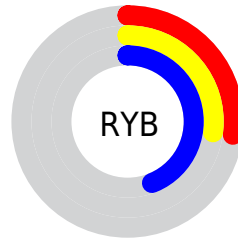
Distribution



Red (27%)

Green (27%)

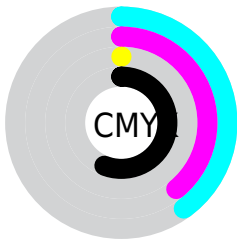
Blue (44%)



Red (27%)

Yellow (27%)

Blue (44%)

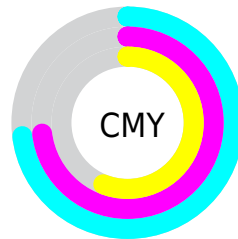


Cyan (40%)

Magenta (39%)

Yellow (0%)

Black (56%)



Cyan (73%)

Magenta (73%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 444571 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 444571 by changing the saturation by 10% instead.

■ 444571

■ 444571

FFFFFF

■ 2C2F58

■ 7675A5

■ 141A41

■ 908FC0

■ 00002B

■ ABA9DC

■ 000115

■ C7C4F9

■ 000000

■ E3E0FF

FFDFDF

■ 444571

■ 444571

■ 393A71

■ 4F5071

■ 2D2F71

■ 5B5B71

■ 222471

■ 666671

■ 171971

■ 717171

■ 0B0E71

■ 7D7C71

■ 000371

■ 888771

■ 939271

■ 9E9D71

■ AAA871

Harmonies

Analogous

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



144D74



444571



603C63

Triad

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



444571



6A3E26



005444

Complementary

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



444571



717044

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.



2A522F



444571



5A461C

Square

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



444571



723838



444D20



00545A

Rectangle

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



444571



6C3855



444D20



0E533D

Sweetspot

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



444571



828394



447170



40404A



C9C9C9



4A4A4A

Same Dimension

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



444571



4D4E94



594471



323338



000378



0005F7

Inverse Universe

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



714445



944D4E



5C7144



383233



780003



F70005

Previews

White Background



This preview shows how the Hex color 444571 looks on a white background.

Color Contrast Check

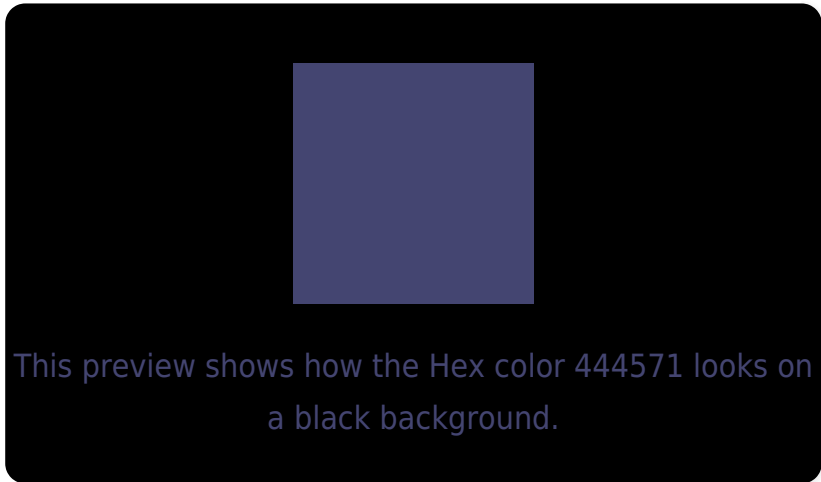
Large Text (above 18pt) WCAG AA ✓ Pass

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

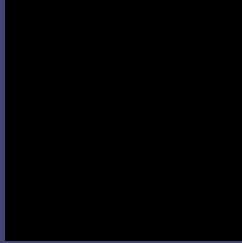
Any Text WCAG AA × Fail

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 444571 Background



This preview shows how black text looks on a background with the Hex color 444571.



This preview shows how white text looks on a background with the Hex color 444571.

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
444571

Protanopia
394873

Deuteranopia
364970

Trichromacy



Original Color
444571

Protanomaly
3D4772

Deuteranomaly
3B4870

Tritanomaly
3F495D

Monochromacy



Original Color
444571

Achromatopsia
4A4A4A

Achromatomaly
484858

CSS Examples

Text

The CSS property to change the color of the text to Hex 444571 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 #444571 looks like.

```
.text, #text, p{  
    color:#444571  
}
```

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 #444571 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #444571
}
```

Border

The CSS property to change the border of an element to Hex 444571 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
#444571 }
```

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

```
.border{ border-color:#444571 }
```

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

Here you see how a box with a 4 pixel #444571 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #444571; -webkit-box-shadow:4px 4px  
4px 4px #444571; box-shadow:4px 4px 4px  
4px #444571 }
```

Background

The CSS property to change the background color of an element to Hex 444571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#444571 }
```

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

```
.background{ background-color:#444571 }
```

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