

Converting Colors

Hex(444766)

Have a look what the booklet for
Hex(444766) contains.

Hex(444766)	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(444766)

Conversions

Conversions Part 1

Format	Color
Hex	444766
RGB	68, 71, 102
RGB Percent	27%, 28%, 40%
CMY	0.7333, 0.7216, 0.6000
CMYK	0.33, 0.30, 0.00, 0.60
HSL	235°, 20%, 33%
HSV	235°, 33%, 40%
XYZ	7.0354, 6.6947, 13.4918
YIQ	73.6370, -11.7390, 9.0050

Conversions

Conversions Part 2

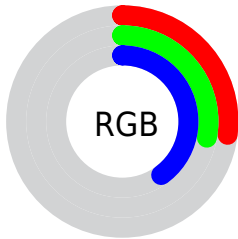
Format	Color
R_{YB}	68, 71, 102
Decimal	4474726
CIE Lab	31.10, 6.91, -18.50
CIE LCh	31, 19.748, 290.487
Yxy	6.6947, 0.2584, 0.2459
Android (android.graphics.Color)	4282664806 (0xFF444766)
YUV	73.6370, 13.9830, -4.9436
Hunter-Lab	25.8742, 3.2559, -12.8041

Details

The Hex color **444766** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **666344**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **757799**, and **161C37** is the 20% darker color. If you saturate the color by 10%, you get **3A3E66**, and if you desaturate by 10%, it is **4E5066**.

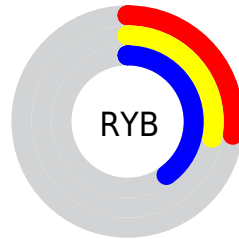
Distribution



Red (27%)

Green (28%)

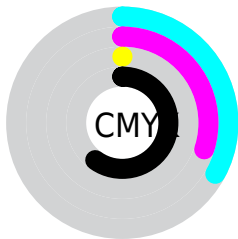
Blue (40%)



Red (27%)

Yellow (28%)

Blue (40%)

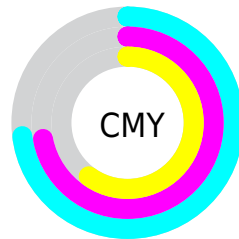


Cyan (33%)

Magenta (30%)

Yellow (0%)

Black (60%)



Cyan (73%)

Magenta (72%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 444766 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 444766 by changing the saturation by 10% instead.

■ 444766

■ 444766

FFFFFF

■ 2D314E

■ 757799

■ 161C37

■ 8F91B4

■ 000122

■ AAABD0

■ 000008

■ C5C7EC

■ 000000

■ E1E3FF

FEFFFF

■ 444766

■ 444766

■ 3A3E66

■ 4E5066

■ 303466

■ 585A66

■ 252B66

■ 636366

■ 1B2266

■ 6D6C66

■ 111966

■ 777666

■ 070F66

■ 817F66

■ 000966

■ 8B8866

■ 969166

■ A09B66

Harmonies

Analogous

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



2B4C67



444766



58415D

Triad

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



444766



634132



245144

Complementary

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



444766



666344

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.



374F35



444766



58472B

Square

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



444766



683E3F



494C2C



115153

Rectangle

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



444766



613F54



494C2C



2A513E

Sweetspot

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



444766



777985



446663



3A3B42



C2C2C2



424242

Same Dimension

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



444766



505485



524466



2E2E33



000A73



0015F2

Inverse Universe

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



664447



855054



586644



332E2E



73000A



F20015

Previews

White Background



This preview shows how the Hex color 444766 looks on a white background.

Color Contrast Check

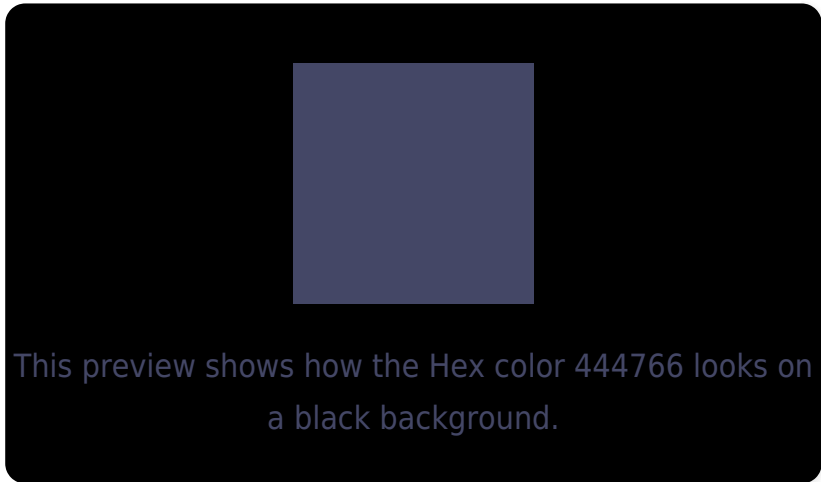
Large Text (above 18pt) WCAG AA ✓ Pass

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

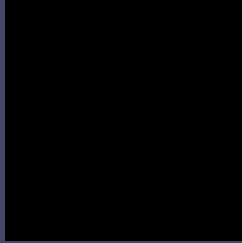
Any Text WCAG AA × Fail

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 444766 Background



This preview shows how black text looks on a background with the Hex color 444766.



This preview shows how white text looks on a background with the Hex color 444766.

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
444766

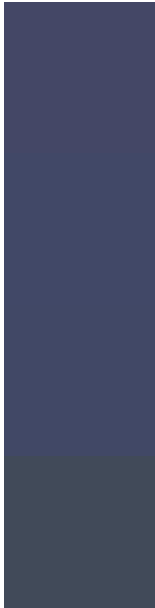
Protanopia
404867

Deuteranopia
404866



Tritanopia
3F4B51

Trichromacy



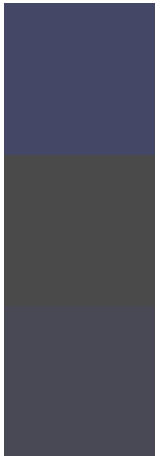
Original Color
444766

Protanomaly
414867

Deuteranomaly
414866

Tritanomaly
414A59

Monochromacy



Original Color
444766

Achromatopsia
4A4A4A

Achromatomaly
484954

CSS Examples

Text

The CSS property to change the color of the text to Hex 444766 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 #444766 looks like.

```
.text, #text, p{  
    color:#444766  
}
```

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 #444766 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #444766  
}
```

Border

The CSS property to change the border of an element to Hex 444766 is called "border". The border property can be set on classes, ids or directly on the HTML element.

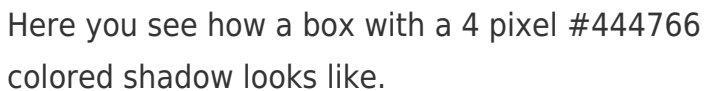
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#444766 }
```

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

```
.border{ border-color:#444766 }
```

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



Here you see how a box with a 4 pixel #444766 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #444766; -webkit-box-shadow:4px 4px  
4px 4px #444766; box-shadow:4px 4px 4px  
4px #444766 }
```

Background

The CSS property to change the background color of an element to Hex 444766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#444766 }
```

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

```
.background{ background-color:#444766 }
```

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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