

Converting Colors

Hex(404475)

Have a look what the booklet for
Hex(404475) contains.

Hex(404475)	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(404475)

Conversions

Conversions Part 1

Format	Color
Hex	404475
RGB	64, 68, 117
RGB Percent	25%, 27%, 46%
CMY	0.7490, 0.7333, 0.5412
CMYK	0.45, 0.42, 0.00, 0.54
HSL	235°, 29%, 35%
HSV	235°, 45%, 46%
XYZ	7.3924, 6.5086, 17.6963
YIQ	72.3900, -18.1130, 14.3910

Conversions

Conversions Part 2

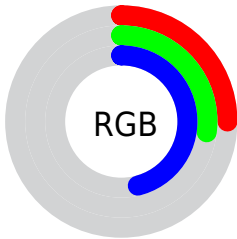
Format	Color
R_{YB}	64, 68, 117
Decimal	4211829
CIE _{Lab}	30.66, 12.30, -28.70
CIE _{LCh}	31, 31.221, 293.208
Yxy	6.5086, 0.2340, 0.2060
Android (android.graphics.Color)	4282401909 (0xFF404475)
YUV	72.3900, 21.9927, -7.3580
Hunter-Lab	25.5119, 7.0764, -23.2680

Details

The Hex color **404475** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **757140**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **7374A9**, and **0C1944** is the 20% darker color. If you saturate the color by 10%, you get **343975**, and if you desaturate by 10%, it is **4C4F75**.

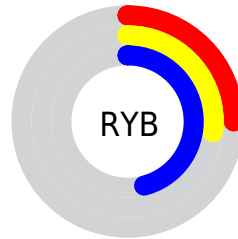
Distribution



Red (25%)

Green (27%)

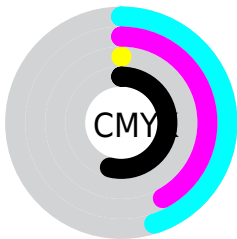
Blue (46%)



Red (25%)

Yellow (27%)

Blue (46%)

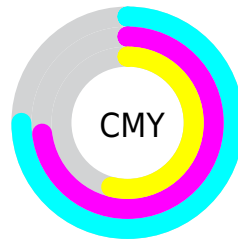


Cyan (45%)

Magenta (42%)

Yellow (0%)

Black (54%)



Cyan (75%)

Magenta (73%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 404475 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 404475 by changing the saturation by 10% instead.

■ 404475

■ 404475

FFFFFF

■ 272E5C

■ 7374A9

■ 0C1944

■ 8D8DC5

■ 00002E

■ A8A8E1

■ 000118

■ C4C3FE

■ 000000

■ E0DFFF

■ FDFCFF

■ 404475

■ 404475

■ 343975

■ 4C4F75

■ 292E75

■ 575A75

■ 1D2475

■ 636475

■ 111975

■ 6F6F75

■ 060E75

■ 7B7A75

■ 000975

■ 868575

■ 929075

■ 9E9B75

■ A9A575

Harmonies

Analogous

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



004C78



404475



613A66

Triad

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



404475



6C3C22



005442

Complementary

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



404475



757140

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.



25512A



404475



5B4515

Square

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



404475



753436



434D19



00545B

Rectangle

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



404475



6E3557



434D19



005339

Sweetspot

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



404475



848599



407571



3F404D



CCCCCC



4D4D4D

Same Dimension

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



404475



464D99



564075



35353B



00097A



0013FA

Inverse Universe

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



754044



99464D



5F7540



3B3535



7A0009



FA0013

Previews

White Background



This preview shows how the Hex color 404475 looks on a white background.

Color Contrast Check

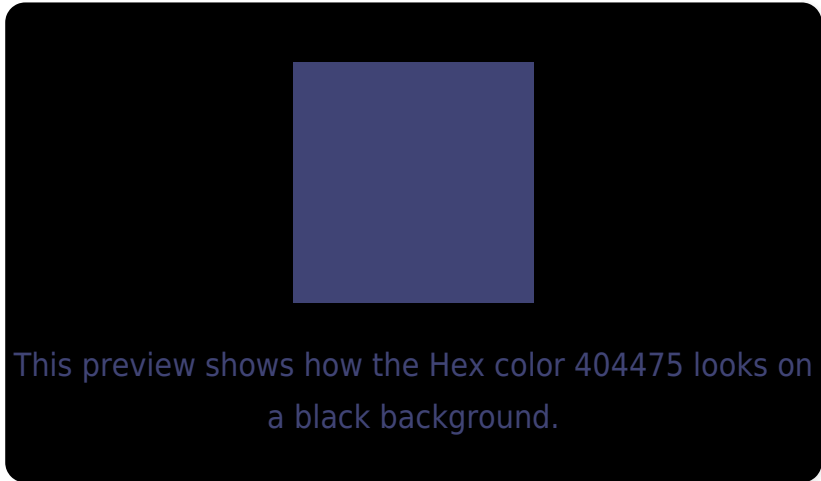
Large Text (above 18pt) WCAG AA ✓ Pass

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

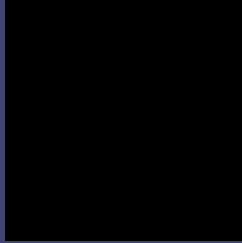
Any Text WCAG AA × Fail

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 404475 Background



This preview shows how black text looks on a background with the Hex color 404475.



This preview shows how white text looks on a background with the Hex color 404475.

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
404475

Protanopia
344777

Deuteranopia
2E4874

Trichromacy



Original Color
404475

Protanomaly
384676

Deuteranomaly
354774

Tritanomaly
3A495F

Monochromacy



Original Color
404475

Achromatopsia
484848

Achromatomaly
454758

CSS Examples

Text

The CSS property to change the color of the text to Hex 404475 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 #404475 looks like.

```
.text, #text, p{  
    color:#404475  
}
```

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 #404475 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #404475  
}
```

Border

The CSS property to change the border of an element to Hex 404475 is called "border". The border property can be set on classes, ids or directly on the HTML element.

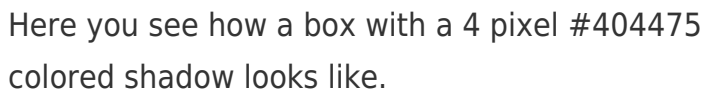
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#404475 }
```

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

```
.border{ border-color:#404475 }
```

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



Here you see how a box with a 4 pixel #404475 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #404475; -webkit-box-shadow:4px 4px  
4px 4px #404475; box-shadow:4px 4px 4px  
4px #404475 }
```

Background

The CSS property to change the background color of an element to Hex 404475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#404475 }
```

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

```
.background{ background-color:#404475 }
```

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