

Converting Colors

Hex(404167)

Have a look what the booklet for
Hex(404167) contains.

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Color

Hex(404167)

Conversions

Conversions Part 1

Format	Color
Hex	404167
RGB	64, 65, 103
RGB Percent	25%, 25%, 40%
CMY	0.7490, 0.7451, 0.5961
CMYK	0.38, 0.37, 0.00, 0.60
HSL	238°, 23%, 33%
HSV	238°, 38%, 40%
XYZ	6.4528, 5.8499, 13.6210
YIQ	69.0330, -12.7940, 11.6060

Conversions

Conversions Part 2

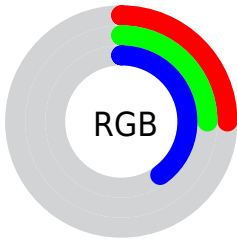
Format	Color
RYB	64, 65, 103
Decimal	4211047
CIELab	29.03, 9.88, -22.39
CIElCh	29, 24.469, 293.806
Yxy	5.8499, 0.2489, 0.2257
Android (android.graphics.Color)	4282401127 (0xFF404167)
YUV	69.0330, 16.7457, -4.4139
Hunter-Lab	24.1865, 5.2966, -16.4596

Details

The Hex color **404167** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **676640**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **71719A**, and **111738** is the 20% darker color. If you saturate the color by 10%, you get **363767**, and if you desaturate by 10%, it is **4A4B67**.

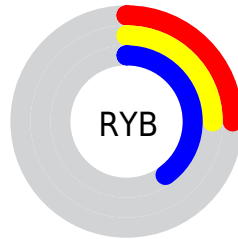
Distribution



Red (25%)

Green (25%)

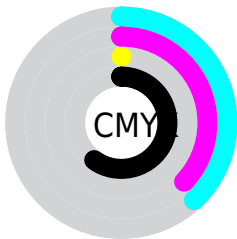
Blue (40%)



Red (25%)

Yellow (25%)

Blue (40%)

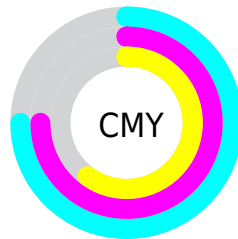


Cyan (38%)

Magenta (37%)

Yellow (0%)

Black (60%)



Cyan (75%)

Magenta (75%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 404167 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 404167 by changing the saturation by 10% instead.

■ 404167

■ 404167

FFFFFF

■ 292B4F

■ 71719A

■ 111738

■ 8B8AB5

■ 000022

■ A6A4D1

■ 000008

■ C1BFED

■ 000000

■ DDDDBF

■ FAF8FF

■ 404167

■ 404167

■ 363767

■ 4A4B67

■ 2B2D67

■ 555567

■ 212367

■ 5F5F67

■ 171967

■ 696967

■ 0D0F67

■ 747367

■ 020567

■ 7E7D67

■ 000367

■ 888767

■ 929167

■ 9D9B67

Harmonies

Analogous

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



1B486A



404167



583A5B

Triad

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



404167



613B26



074E40

Complementary

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



404167



676640

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.



2A4C2D



404167



53421E

Square

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



404167



683636



414821



004E53

Rectangle

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



404167



62364F



414821



174D39

Sweetspot

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



404167



787987



406766



3C3C45



C4C4C4



454545

Same Dimension

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



404167



4A4C87



524067



2E2E33



000373



0006F2

Inverse Universe

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



674041



874A4C



556740



332E2E



730003



F20006

Previews

White Background



This preview shows how the Hex color 404167 looks on a white background.

Color Contrast Check

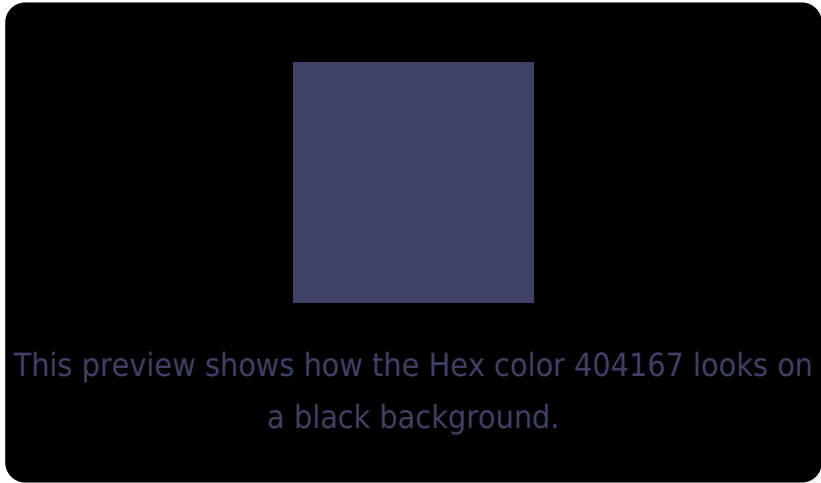
Large Text (above 18pt) WCAG AA ✓ Pass

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

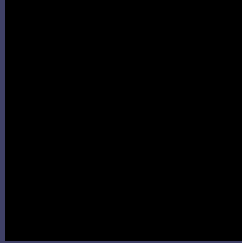
Any Text WCAG AA × Fail

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 404167 Background



This preview shows how black text looks on a background with the Hex color 404167.

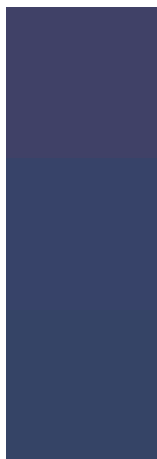


This preview shows how white text looks on a background with the Hex color 404167.

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
404167

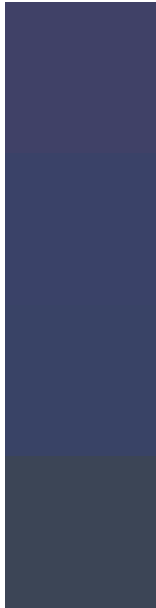
Protanopia
374369

Deuteranopia
354466



Tritanopia
3A474C

Trichromacy



Original Color
404167

Protanomaly
3A4268

Deuteranomaly
394366

Tritanomaly
3C4556

Monochromacy



Original Color
404167

Achromatopsia
454545

Achromatomaly
434451

CSS Examples

Text

The CSS property to change the color of the text to Hex 404167 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 #404167 looks like.

```
.text, #text, p{  
    color:#404167  
}
```

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 #404167 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #404167
}
```

Border

The CSS property to change the border of an element to Hex 404167 is called "border". The border property can be set on classes, ids or directly on the HTML element.

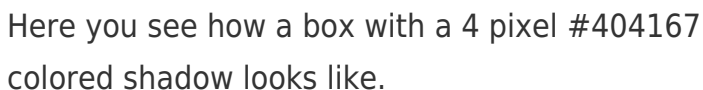
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#404167 }
```

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

```
.border{ border-color:#404167 }
```

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



Here you see how a box with a 4 pixel #404167 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #404167; -webkit-box-shadow:4px 4px  
4px 4px #404167; box-shadow:4px 4px 4px  
4px #404167 }
```

Background

The CSS property to change the background color of an element to Hex 404167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#404167 }
```

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

```
.background{ background-color:#404167 }
```

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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