

Converting Colors

Hex(404784)

Have a look what the booklet for
Hex(404784) contains.

Hex(404784)	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(404784)

Conversions

Conversions Part 1

Format	Color
Hex	404784
RGB	64, 71, 132
RGB Percent	25%, 28%, 52%
CMY	0.7490, 0.7216, 0.4824
CMYK	0.52, 0.46, 0.00, 0.48
HSL	234°, 35%, 38%
HSV	234°, 52%, 52%
XYZ	8.5324, 7.2624, 22.7819
YIQ	75.8610, -23.7530, 17.4870

Conversions

Conversions Part 2

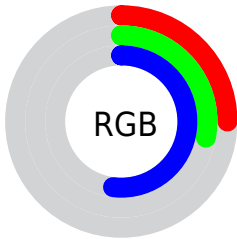
Format	Color
RYB	64, 70, 132
Decimal	4212612
CIELab	32.40, 15.27, -35.29
CIELCh	32, 38.453, 293.401
Yxy	7.2624, 0.2212, 0.1883
Android (android.graphics.Color)	4282402692 (0xFF404784)
YUV	75.8610, 27.6765, -10.4021
Hunter-Lab	26.9489, 9.3555, -31.2580

Details

The Hex color **404784** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **847D40**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7477BA**, and **041C52** is the 20% darker color. If you saturate the color by 10%, you get **333B84**, and if you desaturate by 10%, it is **4D5384**.

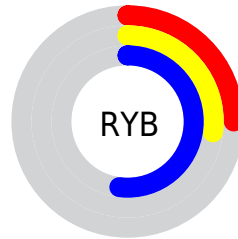
Distribution



Red (25%)

Green (28%)

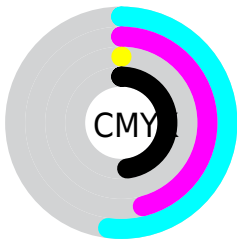
Blue (52%)



Red (25%)

Yellow (27%)

Blue (52%)

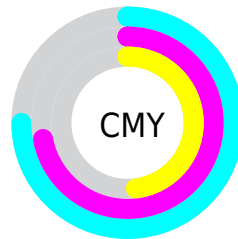


Cyan (52%)

Magenta (46%)

Yellow (0%)

Black (48%)



Cyan (75%)

Magenta (72%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 404784 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 404784 by changing the saturation by 10% instead.

■ 404784

■ 404784

FFFFFF

■ 25316A

■ 7477BA

■ 041C52

■ 8F91D5

■ 00023B

■ AAABF2

■ 000224

■ C7C7FF

■ 00000C

■ E3E3FF

■ 000000

■ 404784

■ 404784

■ 333B84

■ 4D5384

■ 262F84

■ 5A5F84

■ 182384

■ 686B84

■ 0B1884

■ 757684

■ 000E84

■ 828284

■ 8F8E84

■ 9C9A84

■ AAA684

■ B7B284

Harmonies

Analogous

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



005288



404784



6A3A71

Triad

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



404784



773C1C



005A44

Complementary

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



404784



847D40

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.



1C5726



404784



614809

Square

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



404784



823136



45520E



005A63

Rectangle

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



404784



7A325E



45520E



00593A

Sweetspot

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



404784



9194AB



40847C



474957



D6D6D6



575757

Same Dimension

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



404784



414CAB



5A4084



3C3C42



000D82



000003

Inverse Universe

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



844047



AB414C



6A8440



423C3C



82000D



030000

Previews

White Background



This preview shows how the Hex color 404784 looks on a white background.

Color Contrast Check

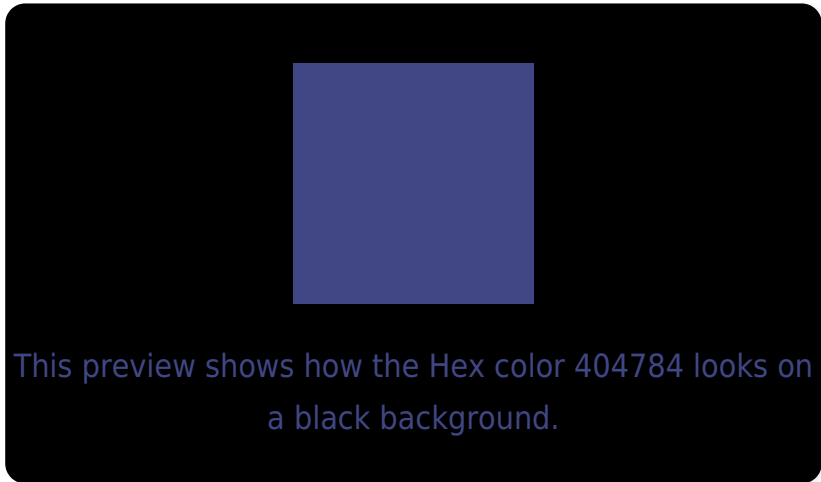
Large Text (above 18pt) WCAG AA ✓ Pass

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

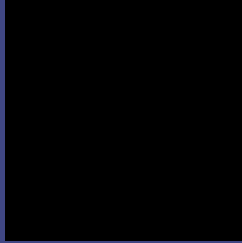
Any Text WCAG AA × Fail

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 404784 Background



This preview shows how black text looks on a background with the Hex color 404784.



This preview shows how white text looks on a background with the Hex color 404784.

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
404784

Protanopia
304A87

Deuteranopia
234D83



Tritanopia
325158

Trichromacy



Original Color
404784

Protanomaly
364986

Deuteranomaly
2E4B83

Tritanomaly
374D68

Monochromacy



Original Color
404784

Achromatopsia
4C4C4C

Achromatomaly
484A60

CSS Examples

Text

The CSS property to change the color of the text to Hex 404784 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 #404784 looks like.

```
.text, #text, p{  
    color:#404784  
}
```

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 #404784 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #404784
}
```

Border

The CSS property to change the border of an element to Hex 404784 is called "border". The border property can be set on classes, ids or directly on the HTML element.

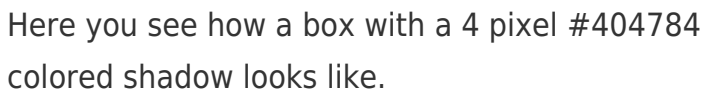
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#404784 }
```

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

```
.border{ border-color:#404784 }
```

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



Here you see how a box with a 4 pixel #404784 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #404784; -webkit-box-shadow:4px 4px  
4px 4px #404784; box-shadow:4px 4px 4px  
4px #404784 }
```

Background

The CSS property to change the background color of an element to Hex 404784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#404784 }
```

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

```
.background{ background-color:#404784 }
```

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