

Converting Colors

Hex(404789)

Have a look what the booklet for
Hex(404789) contains.

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Color

Hex(404789)

Conversions

Conversions Part 1

Format	Color
Hex	404789
RGB	64, 71, 137
RGB Percent	25%, 28%, 54%
CMY	0.7490, 0.7216, 0.4627
CMYK	0.53, 0.48, 0.00, 0.46
HSL	234°, 36%, 39%
HSV	234°, 53%, 54%
XYZ	8.8829, 7.4026, 24.6276
YIQ	76.4310, -25.3580, 19.0420

Conversions

Conversions Part 2

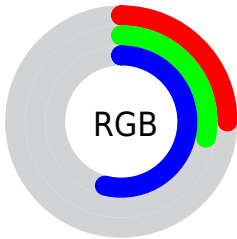
Format	Color
RYB	64, 70, 137
Decimal	4212617
CIELab	32.71, 16.96, -37.88
CIELCh	33, 41.505, 294.123
Yxy	7.4026, 0.2171, 0.1809
Android (android.graphics.Color)	4282402697 (0xFF404789)
YUV	76.4310, 29.8605, -10.9020
Hunter-Lab	27.2077, 10.6642, -34.6220

Details

The Hex color **404789** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **898240**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7577BF**, and **001C56** is the 20% darker color. If you saturate the color by 10%, you get **323B89**, and if you desaturate by 10%, it is **4E5389**.

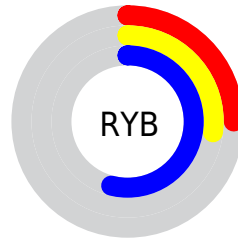
Distribution



Red (25%)

Green (28%)

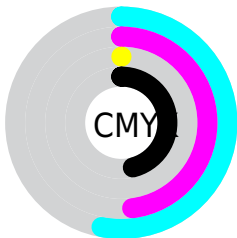
Blue (54%)



Red (25%)

Yellow (27%)

Blue (54%)

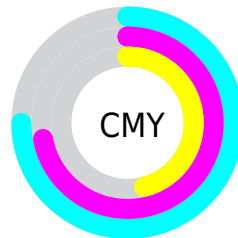


Cyan (53%)

Magenta (48%)

Yellow (0%)

Black (46%)



Cyan (75%)

Magenta (72%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 404789 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 404789 by changing the saturation by 10% instead.

■ 404789

■ 404789

FFFFFF

■ 25316F

■ 7577BF

■ 001C56

■ 9091DB

■ 00033F

■ ACABF8

■ 000328

■ C8C7FF

■ 000112

■ E4E3FF

■ 000000

■ 404789

■ 404789

■ 323B89

■ 4E5389

■ 252E89

■ 5B6089

■ 172289

■ 696C89

■ 091589

■ 777989

■ 000D89

■ 848589

■ 929189

■ A09E89

■ AEAA89

■ BBB689

Harmonies

Analogous

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



00538E



404789



6E3874

Triad

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



404789



7A3C17



005C45

Complementary

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



404789



898240

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.



145924



404789



624901

Square

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



404789



872F34



435307



005C67

Rectangle

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



404789



7F2F60



435307



005B3A

Sweetspot

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



404789



9699B3



408982



484A59



D9D9D9



595959

Same Dimension

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



404789



404BB3



5D4089



3E3F45



000D85



000005

Inverse Universe

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



894047



B3404B



6C8940



453E3F



85000D



050000

Previews

White Background



This preview shows how the Hex color 404789 looks on a white background.

Color Contrast Check

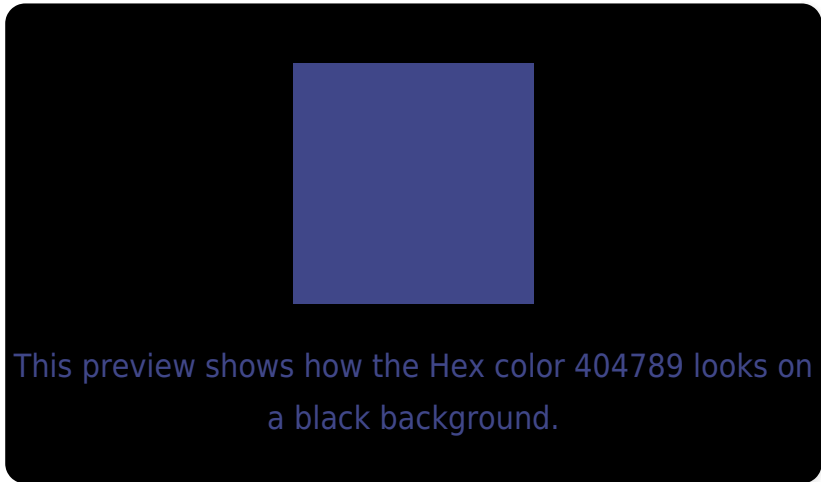
Large Text (above 18pt) WCAG AA ✓ Pass

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

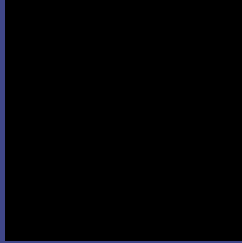
Any Text WCAG AA × Fail

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 404789 Background



This preview shows how black text looks on a background with the Hex color 404789.



This preview shows how white text looks on a background with the Hex color 404789.

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



Trichromacy



Original Color
404789

Protanomaly
334A8C

Deuteranomaly
284B88

Tritanomaly
354E6A

Monochromacy



Original Color
404789

Achromatopsia
4C4C4C

Achromatomaly
484A62

CSS Examples

Text

The CSS property to change the color of the text to Hex 404789 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 #404789 looks like.

```
.text, #text, p{  
    color:#404789  
}
```

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 #404789 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #404789
}
```

Border

The CSS property to change the border of an element to Hex 404789 is called "border". The border property can be set on classes, ids or directly on the HTML element.

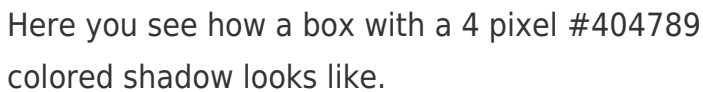
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#404789 }
```

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

```
.border{ border-color:#404789 }
```

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



Here you see how a box with a 4 pixel #404789 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #404789; -webkit-box-shadow:4px 4px  
4px 4px #404789; box-shadow:4px 4px 4px  
4px #404789 }
```

Background

The CSS property to change the background color of an element to Hex 404789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#404789 }
```

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

```
.background{ background-color:#404789 }
```

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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