

Converting Colors

Hex(404091)

Have a look what the booklet for
Hex(404091) contains.

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Color

Hex(404091)

Conversions

Conversions Part 1

Format	Color
Hex	404091
RGB	64, 64, 145
RGB Percent	25%, 25%, 57%
CMY	0.7490, 0.7490, 0.4314
CMYK	0.56, 0.56, 0.00, 0.43
HSL	240°, 39%, 41%
HSV	240°, 56%, 57%
XYZ	9.0586, 6.8011, 27.6234
YIQ	73.2340, -26.0010, 25.1910

Conversions

Conversions Part 2

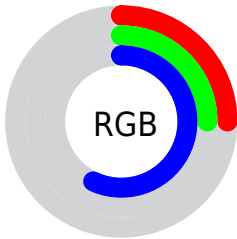
Format	Color
RYB	64, 64, 145
Decimal	4210833
CIELab	31.35, 24.30, -44.97
CIElCh	31, 51.116, 298.380
Yxy	6.8011, 0.2083, 0.1564
Android (android.graphics.Color)	4282400913 (0xFF404091)
YUV	73.2340, 35.3806, -8.0982
Hunter-Lab	26.0789, 16.3642, -44.5460

Details

The Hex color **404091** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **919140**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **7670C8**, and **00165E** is the 20% darker color. If you saturate the color by 10%, you get **323291**, and if you desaturate by 10%, it is **4F4F91**.

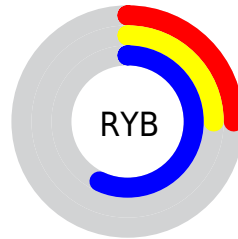
Distribution



Red (25%)

Green (25%)

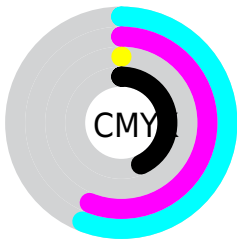
Blue (57%)



Red (25%)

Yellow (25%)

Blue (57%)

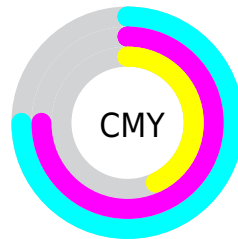


Cyan (56%)

Magenta (56%)

Yellow (0%)

Black (43%)



Cyan (75%)

Magenta (75%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 404091 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 404091 by changing the saturation by 10% instead.

 404091

 404091

FFFFFF

 232A77

 7670C8

 00165E

 9289E4

 000046

 AEA4FF

 00042E

 CABFFF

 000119

 E7DAFF

 000000

 FFF7FF

 404091

 404091

 323291

 4F4F91

■ 232391

■ 5D5D91

■ 151591

■ 6C6C91

■ 060691

■ 7A7A91

■ 000091

■ 898991

■ 979791

■ A5A591

■ B4B491

■ C3C391

Harmonies

Analogous

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



00509B



404091



772A74

Triad

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



404091



7A3600



005B46

Complementary

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



404091



919140

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.



00581C



404091



5D4700

Square

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



404091



8C2026



355200



005B6F

Rectangle

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



404091



881B5B



355200



005A38

Sweetspot

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



404091



9D9DBD



409191



4B4B5E



DEDEDE



5E5E5E

Same Dimension

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



404091



3E3EBD



694091



404047



000087



000008

Inverse Universe

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



914091



BD3EBD



699140



474047



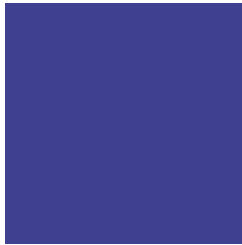
870087



080008

Previews

White Background



This preview shows how the Hex color 404091 looks on a white background.

Color Contrast Check

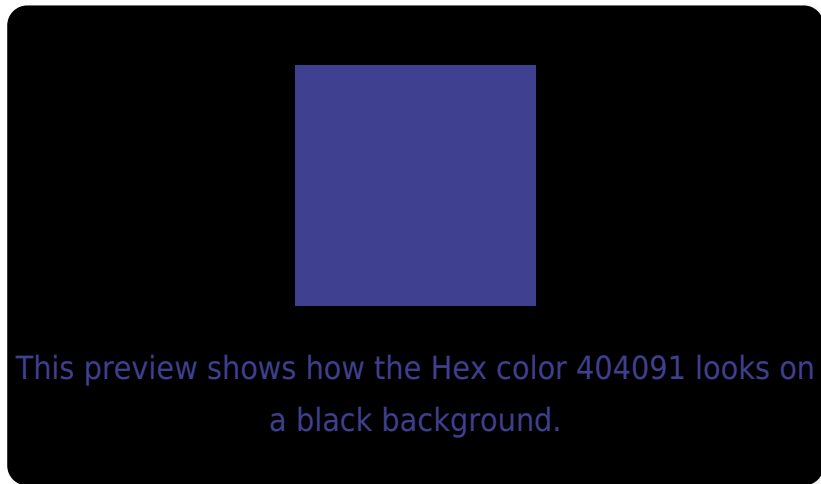
Large Text (above 18pt) WCAG AA ✓ Pass

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

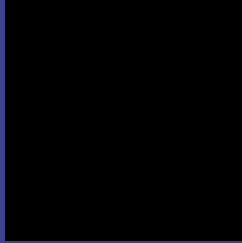
Any Text WCAG AA × Fail

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 404091 Background



This preview shows how black text looks on a background with the Hex color 404091.

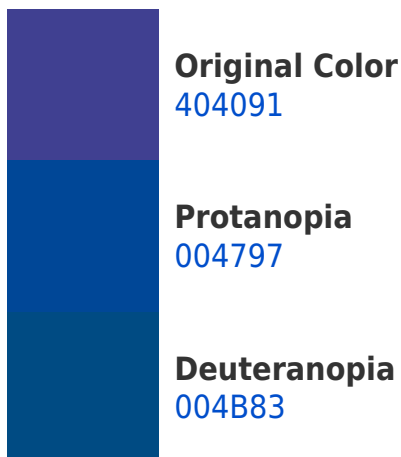


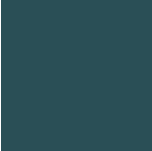
This preview shows how white text looks on a background with the Hex color 404091.

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](#).

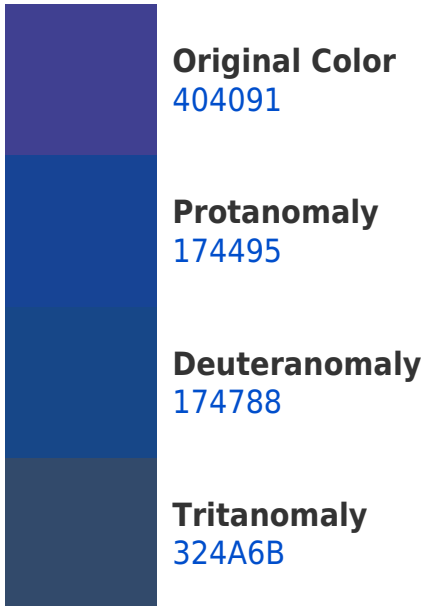
Dichromacy





Tritanopia
2A4F56

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 404091 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 #404091 looks like.

```
.text, #text, p{  
    color:#404091  
}
```

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 #404091 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #404091
}
```

Border

The CSS property to change the border of an element to Hex 404091 is called "border". The border property can be set on classes, ids or directly on the HTML element.

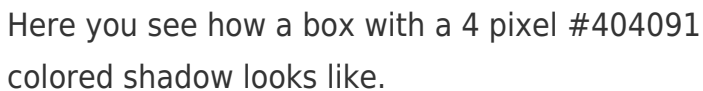
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#404091 }
```

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

```
.border{ border-color:#404091 }
```

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



Here you see how a box with a 4 pixel #404091 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #404091; -webkit-box-shadow:4px 4px  
4px 4px #404091; box-shadow:4px 4px 4px  
4px #404091 }
```

Background

The CSS property to change the background color of an element to Hex 404091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#404091 }
```

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

```
.background{ background-color:#404091 }
```

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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