

Converting Colors

Hex(404BB5)

Have a look what the booklet for
Hex(404BB5) contains.

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Color

Hex(404BB5)

Conversions

Conversions Part 1

Format	Color
Hex	404BB5
RGB	64, 75, 181
RGB Percent	25%, 29%, 71%
CMY	0.7490, 0.7059, 0.2902
CMYK	0.65, 0.59, 0.00, 0.29
HSL	234°, 48%, 48%
HSV	234°, 65%, 71%
XYZ	12.9709, 9.4583, 44.8581
YIQ	83.7950, -40.5820, 30.6340

Conversions

Conversions Part 2

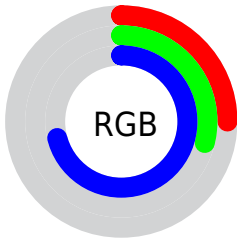
Format	Color
RYB	64, 74, 181
Decimal	4213685
CIELab	36.85, 29.61, -57.69
CIELCh	37, 64.850, 297.170
Yxy	9.4583, 0.1928, 0.1406
Android (android.graphics.Color)	4282403765 (0xFF404BB5)
YUV	83.7950, 47.9221, -17.3602
Hunter-Lab	30.7544, 21.4636, -64.9517

Details

The Hex color **404BB5** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **B5AA40**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **7C7CEE**, and **00207F** is the 20% darker color. If you saturate the color by 10%, you get **2E3BB5**, and if you desaturate by 10%, it is **525BB5**.

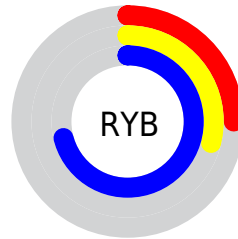
Distribution



Red (25%)

Green (29%)

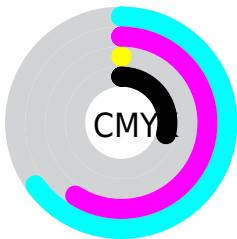
Blue (71%)



Red (25%)

Yellow (29%)

Blue (71%)

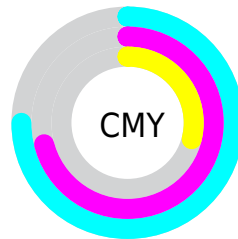


Cyan (65%)

Magenta (59%)

Yellow (0%)

Black (29%)



Cyan (75%)

Magenta (71%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 404BB5 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 404BB5 by changing the saturation by 10% instead.

■ 404BB5

■ 404BB5

FFFFFF

■ 1A349A

■ 7C7CEE

■ 00207F

■ 9996FF

■ 000D65

■ B6B0FF

■ 00004D

■ D3CCFF

■ 000535

■ F1E8FF

■ 00021F

■ 000001

■ 000000

■ 404BB5

■ 404BB5

■ 2E3BB5

■ 525BB5

■ 1C2AB5

■ 646CB5

■ 0A1AB5

■ 767CB5

■ 0011B5

■ 888DB5

■ 9B9DB5

■ ADADB5

■ BFBEB5

■ D1CEB5

■ E3DFB5

Harmonies

Analogous

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



005FC1



404BB5



8E2A90

Triad

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



404BB5



953B00



006C50

Complementary

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



404BB5



B5AA40

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.



006916



404BB5



6F5300

Square

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



404BB5



AC152B



3B6100



006C85

Rectangle

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



404BB5



A6086F



3B6100



006B3E

Sweetspot

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



404BB5



BEC2EB



40B5A9



5A5D75



F5F5F5



757575

Same Dimension

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



404BB5



3445EB



6F40B5



505159



000E99



00021A

Inverse Universe

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



B5404B



EB3445



86B540



595051



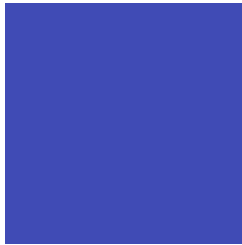
99000E



1A0002

Previews

White Background



This preview shows how the Hex color 404BB5 looks on a white background.

Color Contrast Check

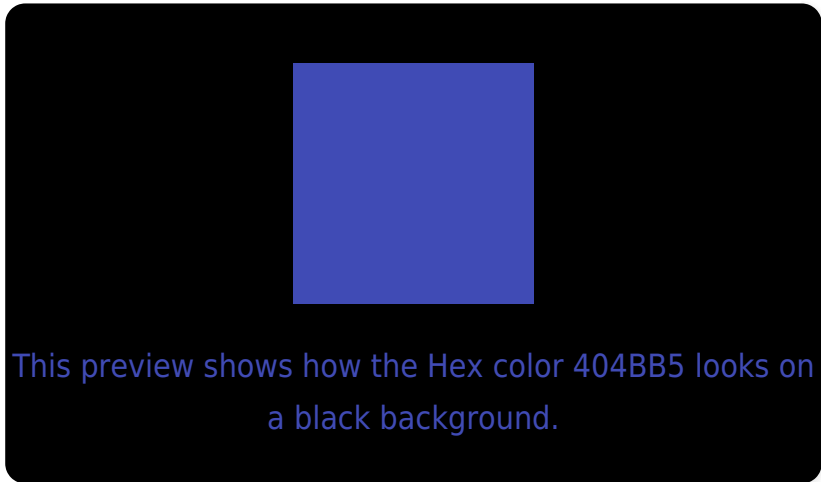
Large Text (above 18pt) WCAG AA ✓ Pass

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

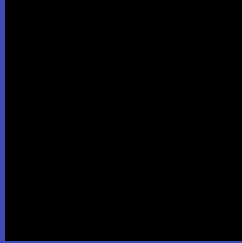
Any Text WCAG AA × Fail

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 404BB5 Background



This preview shows how black text looks on a background with the Hex color 404BB5.

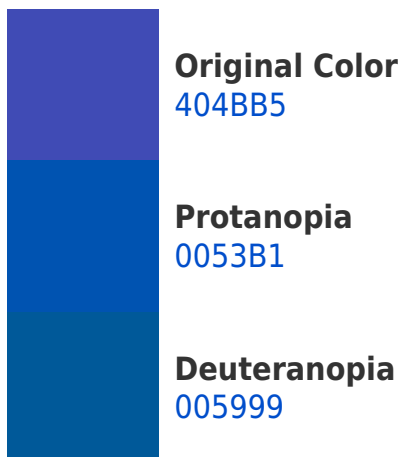


This preview shows how white text looks on a background with the Hex color 404BB5.

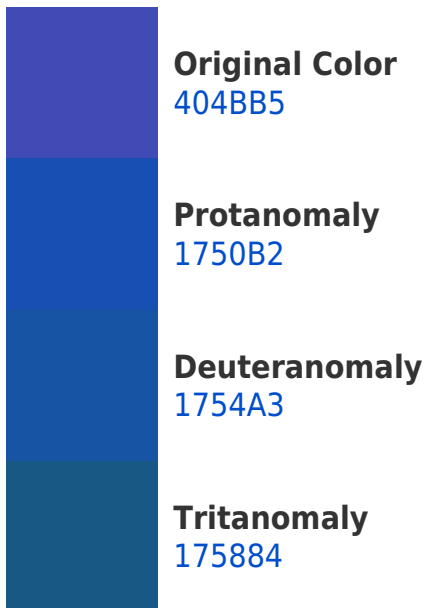
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 404BB5 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 #404BB5 looks like.

```
.text, #text, p{  
    color:#404BB5  
}
```

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 #404BB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #404BB5
}
```

Border

The CSS property to change the border of an element to Hex 404BB5 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
#404BB5 }
```

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

```
.border{ border-color:#404BB5 }
```

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

Here you see how a box with a 4 pixel #404BB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #404BB5; -webkit-box-shadow:4px 4px  
4px 4px #404BB5; box-shadow:4px 4px 4px  
4px #404BB5 }
```

Background

The CSS property to change the background color of an element to Hex 404BB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#404BB5 }
```

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

```
.background{ background-color:#404BB5 }
```

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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