

# Converting Colors

Hex(444BBA)

Have a look what the booklet for  
Hex(444BBA) contains.

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# Color

**Hex(444BBA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	444BBA
RGB	68, 75, 186
RGB Percent	27%, 29%, 73%
CMY	0.7333, 0.7059, 0.2706
CMYK	0.63, 0.60, 0.00, 0.27
HSL	236°, 46%, 50%
HSV	236°, 63%, 73%
XYZ	13.7629, 9.8063, 47.6218
YIQ	85.5610, -39.8030, 33.0370

# Conversions

## Conversions Part 2

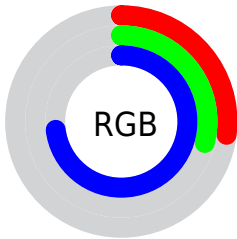
Format	Color
R <sub>Y</sub> B	68, 75, 186
Decimal	4475834
CIE Lab	37.49, 31.99, -59.59
CIE LCh	37, 67.629, 298.229
Yxy	9.8063, 0.1933, 0.1377
Android (android.graphics.Color)	4282665914 (0xFF444BBA)
YUV	85.5610, 49.5164, -15.4010
Hunter-Lab	31.3150, 23.6494, -68.2440

# Details

The Hex color **444BBA** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **BAB344**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **807CF3**, and **001F84** is the 20% darker color. If you saturate the color by 10%, you get **313ABA**, and if you desaturate by 10%, it is **575CBA**.

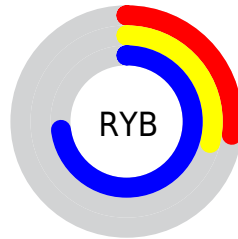
# Distribution



Red (27%)

Green (29%)

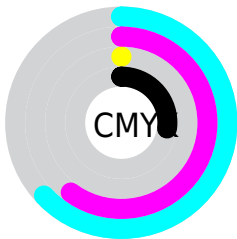
Blue (73%)



Red (27%)

Yellow (29%)

Blue (73%)

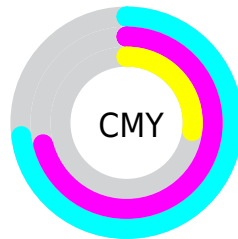


Cyan (63%)

Magenta (60%)

Yellow (0%)

Black (27%)



Cyan (73%)

Magenta (71%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 444BBA 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 444BBA by changing the saturation by 10% instead.



■ 444BBA

■ 444BBA

FFFFFF

■ 1F349F

■ 807CF3

■ 001F84

■ 9D96FF

■ 000C6A

■ BAB0FF

■ 000051

■ D8CCFF

■ 000539

■ F6E8FF

■ 000222

■ 000009

■ 000000

■ 444BBA

■ 444BBA

■ 313ABA

■ 575CBA

■ 1F28BA

■ 696EBA

■ 0C17BA

■ 7C7FBA

■ 000BBA

■ 8E91BA

■ A1A2BA

■ B4B4BA

■ C6C5BA

■ D9D7BA

■ EBE8BA

# Harmonies

## Analogous

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



0061C7



444BBA



942693

# Triad

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



444BBA



973C00



006E53

# Complementary

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



444BBA



BAB344

# 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.



006B17



444BBA



6F5500

# Square

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



444BBA



B01029



396400



006F8B

# Rectangle

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



444BBA



AC0070



396400



006D40



# Sweetspot

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



444BBA



C4C7F2



44BAB2



5E607A



FAFAFA



7A7A7A



# Same Dimension

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



444BBA



3A45F2



7744BA



53535C



00099C



00021C



# Inverse Universe

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



BA444B



F23A45



87BA44



5C5353



9C0009

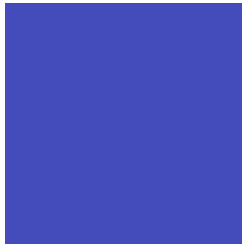


1C0002



# Previews

## White Background



This preview shows how the Hex color 444BBA looks on a white background.

## Color Contrast Check

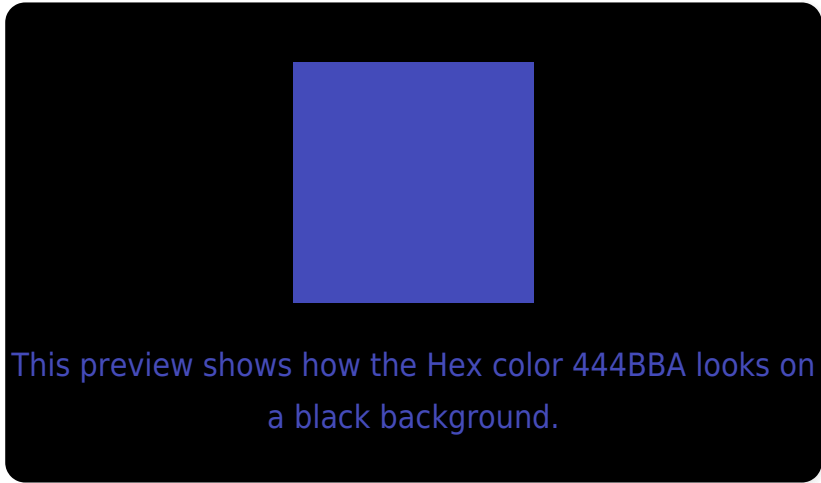
Large Text (above 18pt) WCAG AA ✓ Pass

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

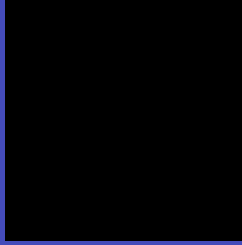
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 444BBA Background



This preview shows how black text looks on a background with the Hex color 444BBA.

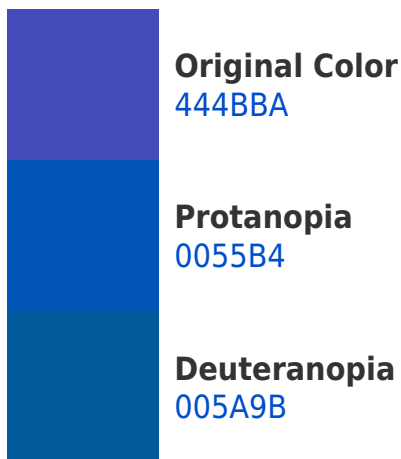


This preview shows how white text looks on a background with the Hex color 444BBA.

# 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**  
116169

# Trichromacy



**Original Color**  
444BBA

**Protanomaly**  
1951B6

**Deuteranomaly**  
1955A6

**Tritanomaly**  
245986

# Monochromacy



**Original Color**  
444BBA

**Achromatopsia**  
565656

**Achromatomaly**  
4F527A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 444BBA 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 #444BBA looks like.

```
.text, #text, p{  
    color:#444BBA  
}
```

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 #444BBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #444BBA
}
```

## Border

The CSS property to change the border of an element to Hex 444BBA 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
#444BBA }
```

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

```
.border{ border-color:#444BBA }
```

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

Here you see how a box with a 4 pixel #444BBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #444BBA; -webkit-box-shadow:4px 4px  
4px 4px #444BBA; box-shadow:4px 4px 4px  
4px #444BBA }
```

# Background

The CSS property to change the background color of an element to Hex 444BBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#444BBA }
```

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

```
.background{ background-color:#444BBA }
```

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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