

# Converting Colors

Hex(433BB4)

Have a look what the booklet for  
Hex(433BB4) contains.

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# Color

Hex(433BB4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	433BB4
RGB	67, 59, 180
RGB Percent	26%, 23%, 71%
CMY	0.7373, 0.7686, 0.2941
CMYK	0.63, 0.67, 0.00, 0.29
HSL	244°, 51%, 47%
HSV	244°, 67%, 71%
XYZ	12.1169, 7.6165, 44.0115
YIQ	75.1860, -34.0730, 39.3270

# Conversions

## Conversions Part 2

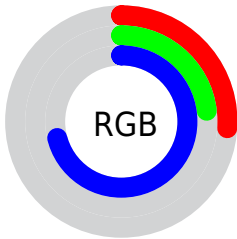
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	67, 59, 180
Decimal	4406196
CIE Lab	33.17, 39.70, -63.10
CIE LCh	33, 74.549, 302.177
Yxy	7.6165, 0.1901, 0.1195
Android (android.graphics.Color)	4282596276 (0xFF433BB4)
YUV	75.1860, 51.6733, -7.1791
Hunter-Lab	27.5980, 30.0740, -75.2332

# Details

The Hex color **433BB4** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **ACB43B**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7F6BED**, and **000F7E** is the 20% darker color. If you saturate the color by 10%, you get **3229B4**, and if you desaturate by 10%, it is **544DB4**.

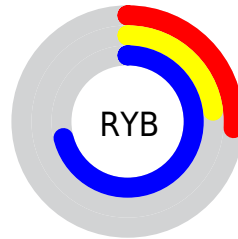
# Distribution



Red (26%)

Green (23%)

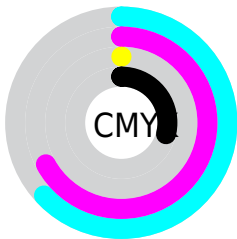
Blue (71%)



Red (26%)

Yellow (23%)

Blue (71%)

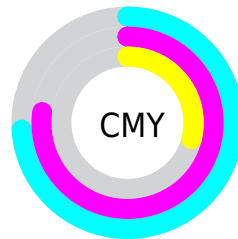


Cyan (63%)

Magenta (67%)

Yellow (0%)

Black (29%)



Cyan (74%)

Magenta (77%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 433BB4 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 433BB4 by changing the saturation by 10% instead.




 433BB4

 433BB4

FFFFFF

 1E2499

 7F6BED

 000F7E

 9C85FF

 000064

 BA9FFF

 00014B

 D7BAFF

 000434

 F5D6FF

 00021D

 FFF3FF

 000000

 433BB4

 433BB4

 3229B4

 544DB4

■ 2117B4

■ 655FB4

■ 1105B4

■ 7571B4

■ 0C00B4

■ 8683B4

■ 9795B4

■ A8A7B4

■ B9B9B4

■ C9CBB4

■ DADDB4

# Harmonies

## Analogous

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



0056C7



433BB4



940086

# Triad

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



433BB4



8A3200



006451

# Complementary

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



433BB4



ACB43B

# 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.



00610C



433BB4



5C4E00

# Square

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



433BB4



A80013



175B00



00658C

# Rectangle

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



433BB4



AA0060



175B00



00633C



# Sweetspot

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



433BB4



BFBCED



3BAEB4



5B5975



F5F5F5



757575



# Same Dimension

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



433BB4



392DEB



7E3BB4



515059



0A0099



02001A



# Inverse Universe

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



B43BAC



EB2DDE



71B43B



595059



99008F

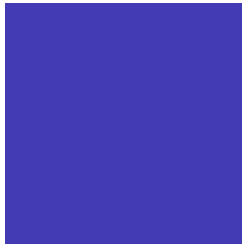


1A0018



# Previews

## White Background



This preview shows how the Hex color 433BB4 looks on a white background.

## Color Contrast Check

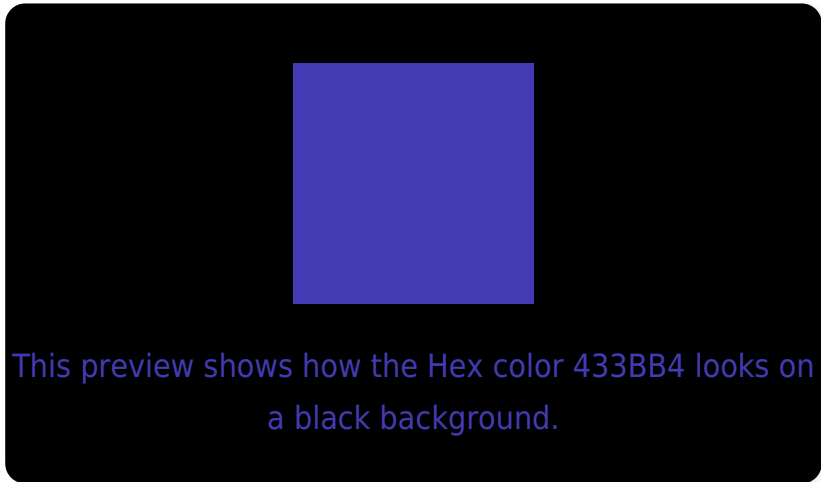
Large Text (above 18pt) WCAG AA ✓ Pass

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

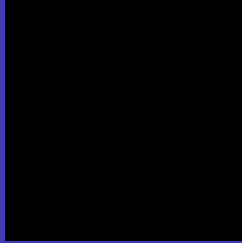
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 433BB4 Background



This preview shows how black text looks on a background with the Hex color 433BB4.

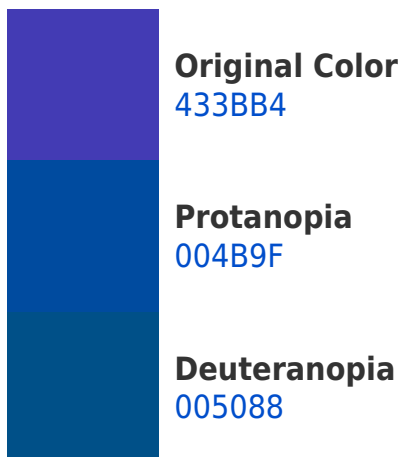



This preview shows how white text looks on a background with the Hex color 433BB4.

# 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**  
0B565D

# Trichromacy



**Original Color**  
433BB4

**Protanomaly**  
1845A7

**Deuteranomaly**  
184898

**Tritanomaly**  
1F4C7D

# Monochromacy



**Original Color**  
433BB4

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
484571

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 433BB4 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 #433BB4 looks like.

```
.text, #text, p{  
    color:#433BB4  
}
```

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 #433BB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #433BB4
}
```

## Border

The CSS property to change the border of an element to Hex 433BB4 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
#433BB4 }
```

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

```
.border{ border-color:#433BB4 }
```

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

Here you see how a box with a 4 pixel #433BB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #433BB4; -webkit-box-shadow:4px 4px  
4px 4px #433BB4; box-shadow:4px 4px 4px  
4px #433BB4 }
```

# Background

The CSS property to change the background color of an element to Hex 433BB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#433BB4 }
```

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

```
.background{ background-color:#433BB4 }
```

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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