

Converting Colors

Hex(443BC4)

Have a look what the booklet for
Hex(443BC4) contains.

Hex(443BC4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(443BC4)

Conversions

Conversions Part 1

Format	Color
Hex	443BC4
RGB	68, 59, 196
RGB Percent	27%, 23%, 77%
CMY	0.7333, 0.7686, 0.2314
CMYK	0.65, 0.70, 0.00, 0.23
HSL	244°, 54%, 50%
HSV	244°, 70%, 77%
XYZ	13.9117, 8.3424, 53.1016
YIQ	77.3090, -38.6130, 44.5150

Conversions

Conversions Part 2

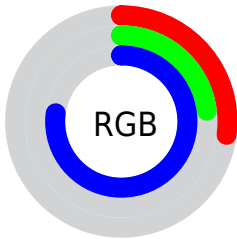
Format	Color
R _Y B	68, 59, 196
Decimal	4471748
CIE Lab	34.69, 45.03, -70.04
CIE LCh	35, 83.263, 302.737
Yxy	8.3424, 0.1846, 0.1107
Android (android.graphics.Color)	4282661828 (0xFF443BC4)
YUV	77.3090, 58.5147, -8.1640
Hunter-Lab	28.8832, 35.4294, -88.7860

Details

The Hex color **443BC4** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **BBC43B**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **836CFE**, and **000D8D** is the 20% darker color. If you saturate the color by 10%, you get **3227C4**, and if you desaturate by 10%, it is **564FC4**.

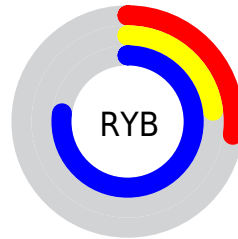
Distribution



Red (27%)

Green (23%)

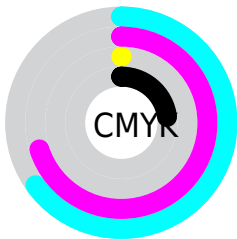
Blue (77%)



Red (27%)

Yellow (23%)

Blue (77%)

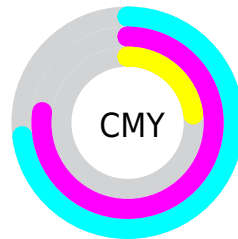


Cyan (65%)

Magenta (70%)

Yellow (0%)

Black (23%)



Cyan (73%)

Magenta (77%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 443BC4 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 443BC4 by changing the saturation by 10% instead.



443BC4



443BC4

FFFFFF



1A24A8



836CFE



000D8D



A185FF



000073



BFA0FF



000059



DDBBFF



000740



FBD7FF



000329



FFF4FF



000114



000000



443BC4



443BC4

■ 3227C4

■ 564FC4

■ 1F14C4

■ 6962C4

■ 0D00C4

■ 7B76C4

■ 8D89C4

■ A09DC4

■ B2B1C4

■ C4C4C4

■ D6D8C4

■ E9EBC4

Harmonies

Analogous

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



005ADA



443BC4



A10090

Triad

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



443BC4



923200



006956

Complementary

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



443BC4



BBC43B

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.



006705



443BC4



5F5200

Square

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



443BC4



B4000D



016000



006A99

Rectangle

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



443BC4



B80065



016000



00693F

Sweetspot

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



443BC4



CDC9FF



3BBDC4



626080



000000



808080

Same Dimension

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



443BC4



3729FF



863BC4



585761



0B00A1



020021

Inverse Universe

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



C43BBB



FF29F1



79C43B



615760



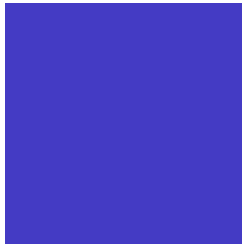
A10096



21001F

Previews

White Background



This preview shows how the Hex color 443BC4 looks on a white background.

Color Contrast Check

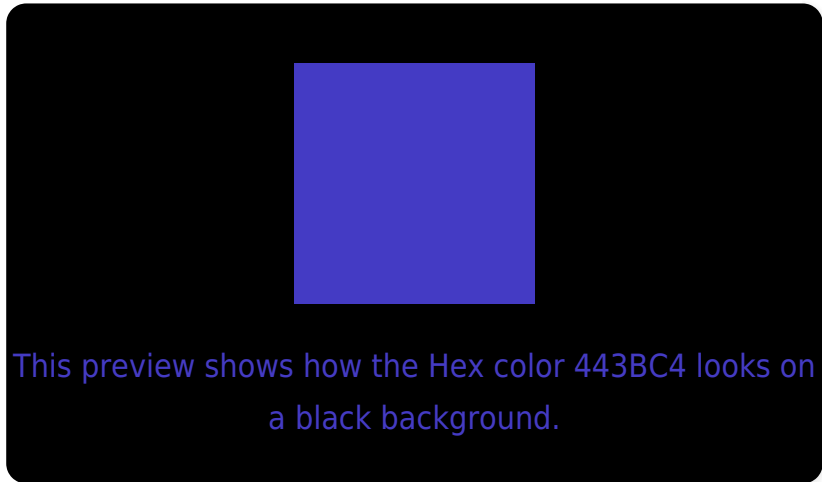
Large Text (above 18pt) WCAG AA ✓ Pass

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

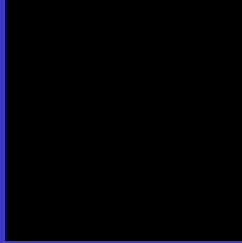
Any Text WCAG AA × Fail

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 443BC4 Background



This preview shows how black text looks on a background with the Hex color 443BC4.

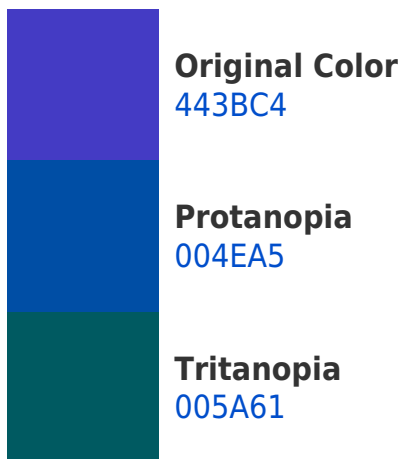


This preview shows how white text looks on a background with the Hex color 443BC4.

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
443BC4

Protanomaly
1947B0

Tritanomaly
194F85

Monochromacy



Original Color
443BC4

Achromatopsia
4D4D4D

Achromatomaly
4A4678

CSS Examples

Text

The CSS property to change the color of the text to Hex 443BC4 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 #443BC4 looks like.

```
.text, #text, p{  
    color:#443BC4  
}
```

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 #443BC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #443BC4
}
```

Border

The CSS property to change the border of an element to Hex 443BC4 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
#443BC4 }
```

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

```
.border{ border-color:#443BC4 }
```

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

Here you see how a box with a 4 pixel #443BC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #443BC4; -webkit-box-shadow:4px 4px  
4px 4px #443BC4; box-shadow:4px 4px 4px  
4px #443BC4 }
```

Background

The CSS property to change the background color of an element to Hex 443BC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#443BC4 }
```

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

```
.background{ background-color:#443BC4 }
```

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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