

Converting Colors

Hex(4B3DC9)

Have a look what the booklet for
Hex(4B3DC9) contains.

Hex(4B3DC9)	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(4B3DC9)

Conversions

Conversions Part 1

Format	Color
Hex	4B3DC9
RGB	75, 61, 201
RGB Percent	29%, 24%, 79%
CMY	0.7059, 0.7608, 0.2118
CMYK	0.63, 0.70, 0.00, 0.21
HSL	246°, 56%, 51%
HSV	246°, 70%, 79%
XYZ	15.1130, 9.0504, 56.2087
YIQ	81.1460, -36.5960, 46.5080

Conversions

Conversions Part 2

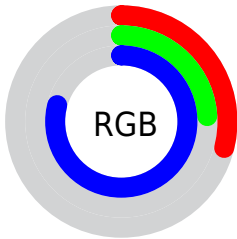
Format	Color
R_{YB}	75, 61, 201
Decimal	4931017
CIE _{Lab}	36.08, 46.39, -70.64
CIE _{LCh}	36, 84.515, 303.292
Yxy	9.0504, 0.1880, 0.1126
Android (android.graphics.Color)	4283121097 (0xFF4B3DC9)
YUV	81.1460, 59.0880, -5.3900
Hunter-Lab	30.0839, 37.0250, -89.7187

Details

The Hex color **4B3DC9** 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 **BBC93D**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **896EFF**, and **000E92** is the 20% darker color. If you saturate the color by 10%, you get **3929C9**, and if you desaturate by 10%, it is **5D51C9**.

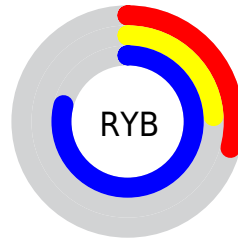
Distribution



Red (29%)

Green (24%)

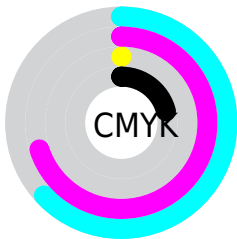
Blue (79%)



Red (29%)

Yellow (24%)

Blue (79%)

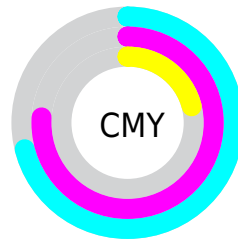


Cyan (63%)

Magenta (70%)

Yellow (0%)

Black (21%)



Cyan (71%)

Magenta (76%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B3DC9 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 4B3DC9 by changing the saturation by 10% instead.

 4B3DC9

 4B3DC9

FFFFFF

 2526AD

 896EFF

 000E92

 A788FF

 000077

 C5A3FF

 00005D

 E3BEFF

 000845

 FFDAFF

 00032D

 FFF7FF

 000118

 000000

 4B3DC9

 4B3DC9

■ 3929C9

■ 5D51C9

■ 2715C9

■ 6F65C9

■ 1501C9

■ 8179C9

■ 1400C9

■ 938DC9

■ A5A2C9

■ B8B6C9

■ CACAC9

■ DCDEC9

■ EEF2C9

Harmonies

Analogous

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



005EE0



4B3DC9



A70093

Triad

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



4B3DC9



963600



006D5B

Complementary

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



4B3DC9



BBC93D

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.



006B0A



4B3DC9



625500

Square

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



4B3DC9



BA000D



006400



006E9F

Rectangle

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



4B3DC9



BE0067



006400



006D43

Sweetspot

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



4B3DC9



CFC9FF



3DBBC9



636080



000000



808080

Same Dimension

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



4B3DC9



3E29FF



913DC9



5A5A63



1000A3



040024

Inverse Universe

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



C93DBB



FF29EA



75C93D



635A62



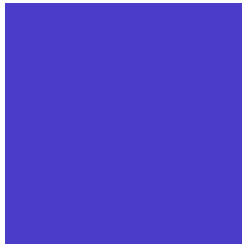
A30093



240020

Previews

White Background



This preview shows how the Hex color 4B3DC9 looks on a white background.

Color Contrast Check

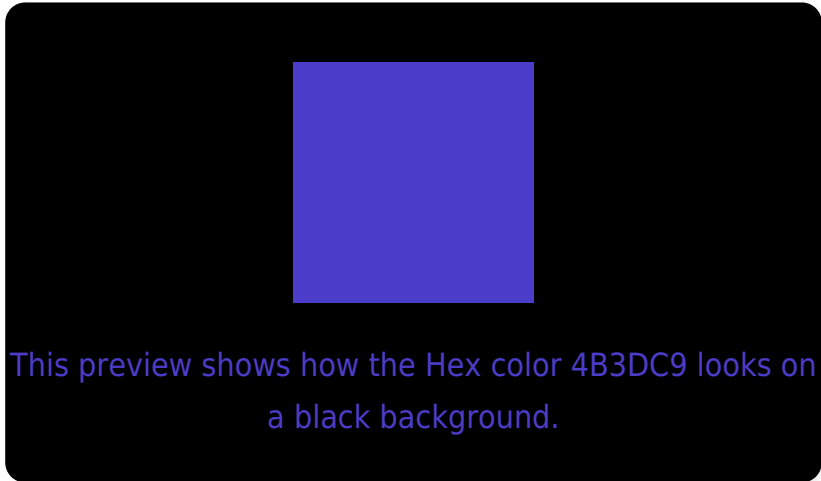
Large Text (above 18pt) WCAG AA ✓ Pass

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

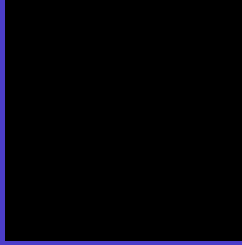
Any Text WCAG AA × Fail

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 4B3DC9 Background



This preview shows how black text looks on a background with the Hex color 4B3DC9.

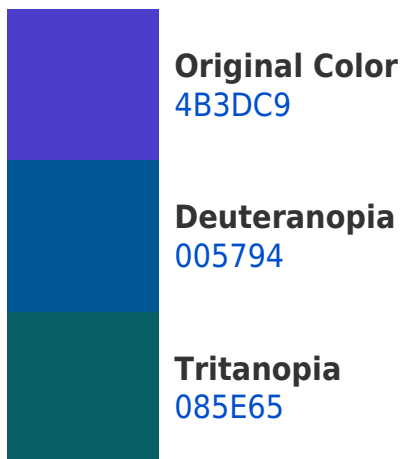


This preview shows how white text looks on a background with the Hex color 4B3DC9.

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
4B3DC9

Deuteranomaly
1B4EA7

Tritanomaly
205289

Monochromacy



Original Color
4B3DC9

Achromatopsia
515151

Achromatomaly
4F4A7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B3DC9 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 #4B3DC9 looks like.

```
.text, #text, p{  
    color:#4B3DC9  
}
```

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 #4B3DC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B3DC9
}
```

Border

The CSS property to change the border of an element to Hex 4B3DC9 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
#4B3DC9 }
```

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

```
.border{ border-color:#4B3DC9 }
```

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

Here you see how a box with a 4 pixel #4B3DC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B3DC9; -webkit-box-shadow:4px 4px  
4px 4px #4B3DC9; box-shadow:4px 4px 4px  
4px #4B3DC9 }
```

Background

The CSS property to change the background color of an element to Hex 4B3DC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B3DC9 }
```

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

```
.background{ background-color:#4B3DC9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor