

Converting Colors

Hex(4B3589)

Have a look what the booklet for
Hex(4B3589) contains.

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Color

Hex(4B3589)

Conversions

Conversions Part 1

Format	Color
Hex	4B3589
RGB	75, 53, 137
RGB Percent	29%, 21%, 54%
CMY	0.7059, 0.7922, 0.4627
CMYK	0.45, 0.61, 0.00, 0.46
HSL	256°, 44%, 37%
HSV	256°, 61%, 54%
XYZ	8.6901, 5.8482, 24.3377
YIQ	69.1540, -13.8520, 30.7880

Conversions

Conversions Part 2

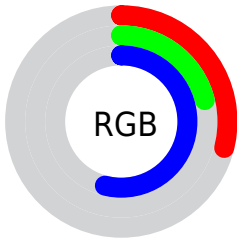
Format	Color
R_{YB}	75, 53, 137
Decimal	4928905
CIE _{Lab}	29.03, 31.17, -43.75
CIE _{LCh}	29, 53.716, 305.473
Yxy	5.8482, 0.2235, 0.1504
Android (android.graphics.Color)	4283118985 (0xFF4B3589)
YUV	69.1540, 33.4481, 5.1269
Hunter-Lab	24.1831, 21.8231, -42.7410

Details

The Hex color **4B3589** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **738935**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **8065BF**, and **120956** is the 20% darker color. If you saturate the color by 10%, you get **412789**, and if you desaturate by 10%, it is **554389**.

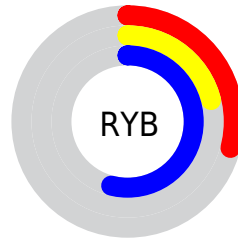
Distribution



Red (29%)

Green (21%)

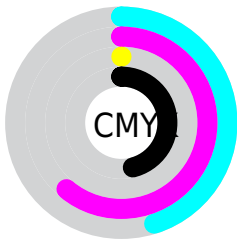
Blue (54%)



Red (29%)

Yellow (21%)

Blue (54%)

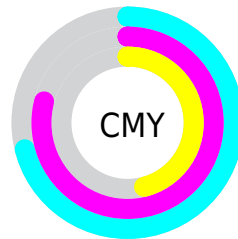


Cyan (45%)

Magenta (61%)

Yellow (0%)

Black (46%)



Cyan (71%)

Magenta (79%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B3589 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 4B3589 by changing the saturation by 10% instead.

■ 4B3589

■ 4B3589

FFFFFF

■ 301F6F

■ 8065BF

■ 120956

■ 9C7EDB

■ 00003F

■ B798F8

■ 000327

■ D4B3FF

■ 000111

■ F1CFFF

■ 000000

■ FFE8FF

■ 4B3589

■ 4B3589

■ 412789

■ 554389

■ 371A89

■ 5F5089

■ 2D0C89

■ 695E89

■ 240089

■ 736C89

■ 7E7A89

■ 888789

■ 929589

■ 9CA389

■ A6B089

Harmonies

Analogous

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



004898



4B3589



7A1968

Triad

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



4B3589



6F3500



00564B

Complementary

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



4B3589



738935

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.



00541F



4B3589



4E4500

Square

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



4B3589



851B16



204F00



005574

Rectangle

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



4B3589



88034D



204F00



00553D

Sweetspot

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



4B3589



9B92B3



357489



4B4659



D9D9D9



595959

Same Dimension

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



4B3589



512EB3



743589



403E45



230085



010005

Inverse Universe

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



893573



B32E90



4A8935



453E43



850062



050004

Previews

White Background



This preview shows how the Hex color 4B3589 looks on a white background.

Color Contrast Check

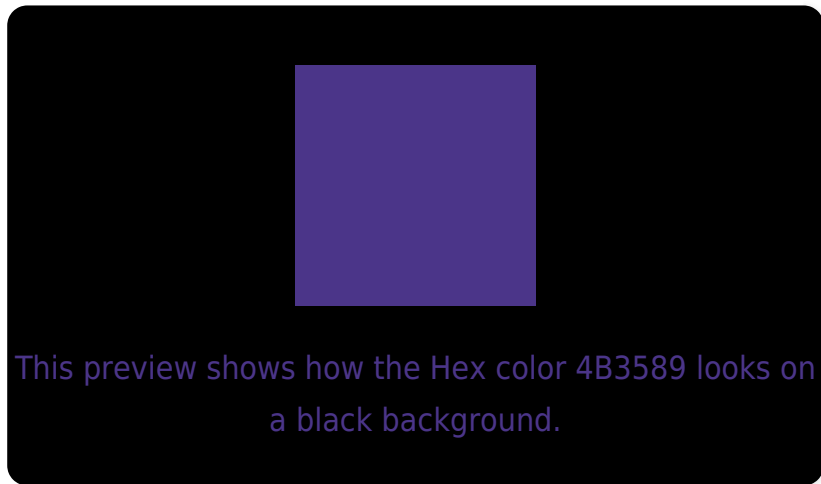
Large Text (above 18pt) WCAG AA ✓ Pass

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

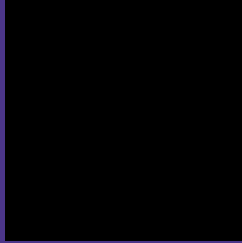
Any Text WCAG AA × Fail

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 4B3589 Background



This preview shows how black text looks on a background with the Hex color 4B3589.

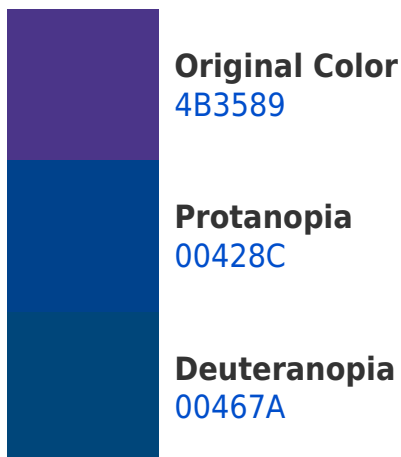



This preview shows how white text looks on a background with the Hex color 4B3589.

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
3B464C

Trichromacy



Original Color
4B3589

Protanomaly
1B3D8B

Deuteranomaly
1B407F

Tritanomaly
414062

Monochromacy



Original Color
4B3589

Achromatopsia
454545

Achromatomaly
473F5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B3589 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 #4B3589 looks like.

```
.text, #text, p{  
    color:#4B3589  
}
```

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 #4B3589 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B3589
}
```

Border

The CSS property to change the border of an element to Hex 4B3589 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
#4B3589 }
```

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

```
.border{ border-color:#4B3589 }
```

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

Here you see how a box with a 4 pixel #4B3589 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B3589; -webkit-box-shadow:4px 4px  
4px 4px #4B3589; box-shadow:4px 4px 4px  
4px #4B3589 }
```

Background

The CSS property to change the background color of an element to Hex 4B3589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B3589 }
```

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

```
.background{ background-color:#4B3589 }
```

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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