

Converting Colors

Hex(4B1389)

Have a look what the booklet for
Hex(4B1389) contains.

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Color

Hex(4B1389)

Conversions

Conversions Part 1

Format	Color
Hex	4B1389
RGB	75, 19, 137
RGB Percent	29%, 7%, 54%
CMY	0.7059, 0.9255, 0.4627
CMYK	0.45, 0.86, 0.00, 0.46
HSL	268°, 76%, 31%
HSV	268°, 86%, 54%
XYZ	7.6499, 3.7677, 23.9910
YIQ	49.1960, -4.5020, 48.5700

Conversions

Conversions Part 2

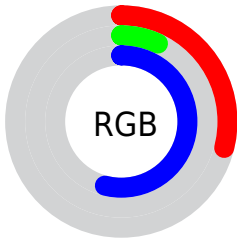
Format	Color
R_{YB}	75, 19, 137
Decimal	4920201
CIE _{Lab}	22.89, 48.26, -53.75
CIE _{LCh}	23, 72.233, 311.918
Yxy	3.7677, 0.2160, 0.1064
Android (android.graphics.Color)	4283110281 (0xFF4B1389)
YUV	49.1960, 43.2874, 22.6301
Hunter-Lab	19.4107, 36.3794, -59.6930

Details

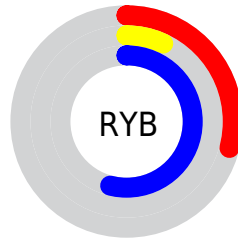
The Hex color **4B1389** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **518913**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **8247BF**, and **100056** is the 20% darker color. If you saturate the color by 10%, you get **440589**, and if you desaturate by 10%, it is **522189**.

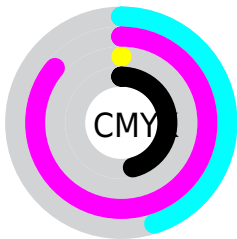
Distribution



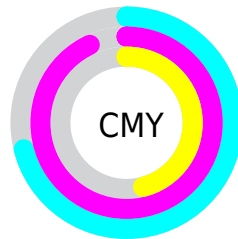
- Red (29%)
- Green (7%)
- Blue (54%)



- Red (29%)
- Yellow (7%)
- Blue (54%)



- Cyan (45%)
- Magenta (86%)
- Yellow (0%)
- Black (46%)



- Cyan (71%)
- Magenta (93%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B1389 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 4B1389 by changing the saturation by 10% instead.

■ 4B1389

■ 4B1389

FFFFFF

■ 2F006F

■ 8247BF

■ 100056

■ 9E61DC

■ 00003E

■ BB7BF9

■ 000327

■ D895FF

■ 000110

■ F5B1FF

■ 000000

■ FFCDFE

■ FFE9FF

■ 4B1389

■ 4B1389

■ 440589

■ 522189

■ 410089

■ 592E89

■ 613C89

■ 684A89

■ 6F5889

■ 766589

■ 7D7389

■ 858189

■ 8C8E89

Harmonies

Analogous

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



0039A4



4B1389



810059

Triad

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



4B1389



5E2700



00494C

Complementary

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



4B1389



518913

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.



004811



4B1389



303B00

Square

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



4B1389



7E0000



004400



004A7F

Rectangle

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



4B1389



8C0036



004400



004939

Sweetspot

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



4B1389



9A84B3



135289



4B3E59



D9D9D9



595959

Same Dimension

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



4B1389



5500B3



851389



413E45



3F0085



020005

Inverse Universe

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



891351



B3005E



178913



453E42



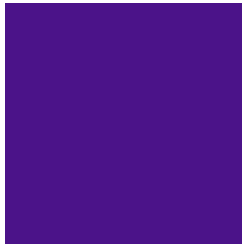
850046



050003

Previews

White Background



This preview shows how the Hex color 4B1389 looks on a white background.

Color Contrast Check

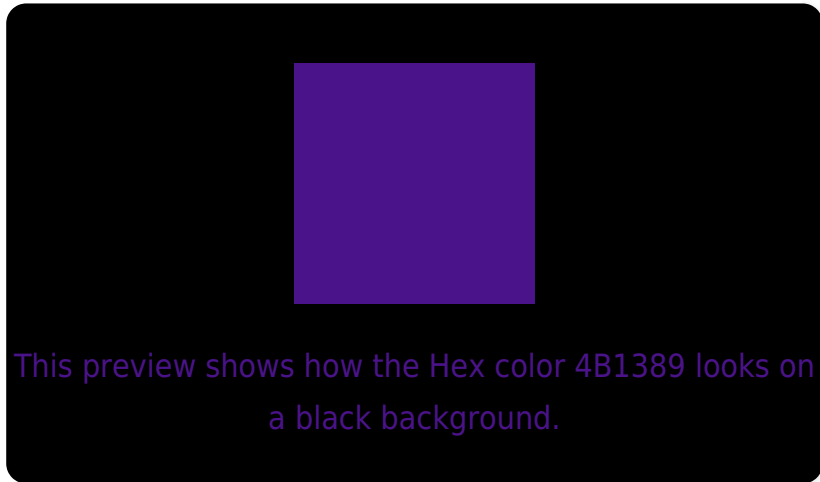
Large Text (above 18pt) WCAG AA ✓ Pass

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

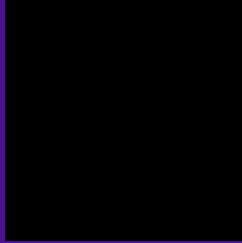
Any Text WCAG AA × Fail

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 4B1389 Background



This preview shows how black text looks on a background with the Hex color 4B1389.



This preview shows how white text looks on a background with the Hex color 4B1389.

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



Original Color
4B1389

Protanopia
003672

Deuteranopia
003A62



Tritanopia
38373C

Trichromacy



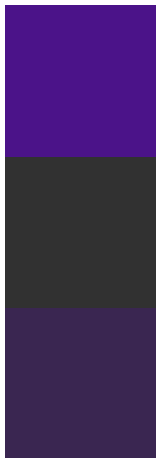
Original Color
4B1389

Protanomaly
1B297A

Deuteranomaly
1B2C70

Tritanomaly
3F2A58

Monochromacy



Original Color
4B1389

Achromatopsia
313131

Achromatomaly
3A2651

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B1389 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 #4B1389 looks like.

```
.text, #text, p{  
    color:#4B1389  
}
```

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 #4B1389 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B1389
}
```

Border

The CSS property to change the border of an element to Hex 4B1389 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
#4B1389 }
```

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

```
.border{ border-color:#4B1389 }
```

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

Here you see how a box with a 4 pixel #4B1389 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B1389; -webkit-box-shadow:4px 4px  
4px 4px #4B1389; box-shadow:4px 4px 4px  
4px #4B1389 }
```

Background

The CSS property to change the background color of an element to Hex 4B1389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B1389 }
```

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

```
.background{ background-color:#4B1389 }
```

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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