

Converting Colors

Hex(4B468D)

Have a look what the booklet for
Hex(4B468D) contains.

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Color

Hex(4B468D)

Conversions

Conversions Part 1

Format	Color
Hex	4B468D
RGB	75, 70, 141
RGB Percent	29%, 27%, 55%
CMY	0.7059, 0.7255, 0.4471
CMYK	0.47, 0.50, 0.00, 0.45
HSL	244°, 34%, 41%
HSV	244°, 50%, 55%
XYZ	9.8995, 7.7993, 26.1829
YIQ	79.5890, -19.8110, 23.1410

Conversions

Conversions Part 2

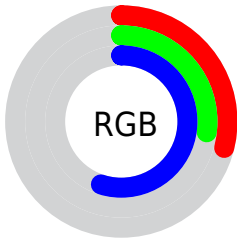
Format	Color
R _Y B	75, 70, 141
Decimal	4933261
CIE Lab	33.56, 21.62, -38.92
CIE LCh	34, 44.523, 299.056
Yxy	7.7993, 0.2256, 0.1777
Android (android.graphics.Color)	4283123341 (0xFF4B468D)
YUV	79.5890, 30.2756, -4.0246
Hunter-Lab	27.9272, 14.4016, -36.0380

Details

The Hex color **4B468D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **888D46**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **8076C3**, and **141B5A** is the 20% darker color. If you saturate the color by 10%, you get **3E388D**, and if you desaturate by 10%, it is **58548D**.

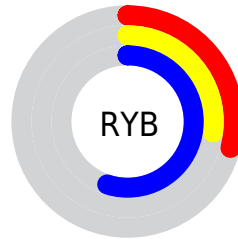
Distribution



Red (29%)

Green (27%)

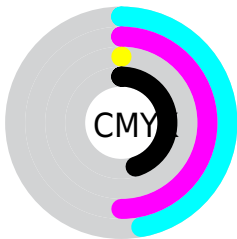
Blue (55%)



Red (29%)

Yellow (27%)

Blue (55%)

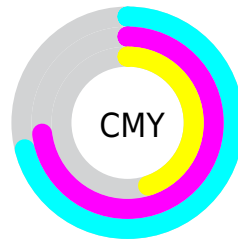


Cyan (47%)

Magenta (50%)

Yellow (0%)

Black (45%)



Cyan (71%)

Magenta (73%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B468D 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 4B468D by changing the saturation by 10% instead.

■ 4B468D

■ 4B468D

FFFFFF

■ 313073

■ 8076C3

■ 141B5A

■ 9B90DF

■ 000342

■ B7ABFC

■ 00032B

■ D3C6FF

■ 000116

■ F0E2FF

■ 000000

■ 4B468D

■ 4B468D

■ 3E388D

■ 58548D

■ 312A8D

■ 65628D

■ 241C8D

■ 72708D

■ 170E8D

■ 7F7E8D

■ 0A008D

■ 8D8D8D

■ 9A9B8D

■ A7A98D

■ B4B78D

■ C1C58D

Harmonies

Analogous

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



005496



4B468D



783574

Triad

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



4B468D



7B3F0F



005F4D

Complementary

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



4B468D



888D46

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.



005C28



4B468D



604D00

Square

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



4B468D



8B302F



3E5705



005F70

Rectangle

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



4B468D



872C5D



3E5705



005E40

Sweetspot

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



4B468D



9E9CB8



46888D



4C4B5C



DBDBDB



5C5C5C

Same Dimension

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



4B468D



5149B8



6E468D



414047



0A0087



010008

Inverse Universe

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



8D4688



B849B0



658D46



474047



87007E



080007

Previews

White Background



This preview shows how the Hex color 4B468D looks on a white background.

Color Contrast Check

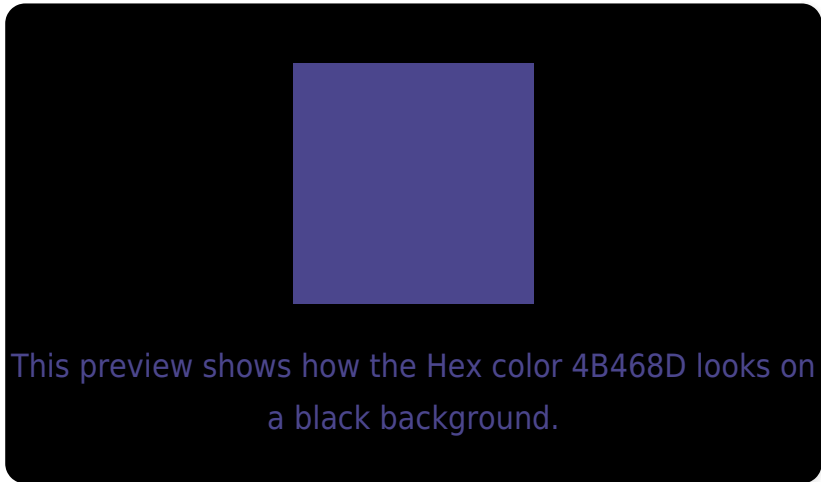
Large Text (above 18pt) WCAG AA ✓ Pass

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

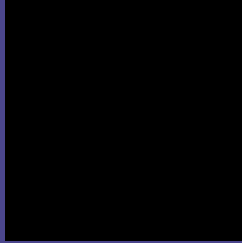
Any Text WCAG AA × Fail

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 4B468D Background



This preview shows how black text looks on a background with the Hex color 4B468D.



This preview shows how white text looks on a background with the Hex color 4B468D.

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
4B468D

Protanopia
294D94

Deuteranopia
1B508B

Trichromacy



Original Color
4B468D

Protanomaly
354A91

Deuteranomaly
2C4C8C

Tritanomaly
424E6C

Monochromacy



Original Color
4B468D

Achromatopsia
505050

Achromatomaly
4E4C66

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B468D 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 #4B468D looks like.

```
.text, #text, p{  
    color:#4B468D  
}
```

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 #4B468D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B468D
}
```

Border

The CSS property to change the border of an element to Hex 4B468D 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
#4B468D }
```

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

```
.border{ border-color:#4B468D }
```

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

Here you see how a box with a 4 pixel #4B468D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B468D; -webkit-box-shadow:4px 4px  
4px 4px #4B468D; box-shadow:4px 4px 4px  
4px #4B468D }
```

Background

The CSS property to change the background color of an element to Hex 4B468D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B468D }
```

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

```
.background{ background-color:#4B468D }
```

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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