

Converting Colors

Hex(4B4278)

Have a look what the booklet for
Hex(4B4278) contains.

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Color

Hex(4B4278)

Conversions

Conversions Part 1

Format	Color
Hex	4B4278
RGB	75, 66, 120
RGB Percent	29%, 26%, 47%
CMY	0.7059, 0.7412, 0.5294
CMYK	0.37, 0.45, 0.00, 0.53
HSL	250°, 29%, 36%
HSV	250°, 45%, 47%
XYZ	8.2400, 6.7484, 18.6376
YIQ	74.8470, -11.9700, 18.7020

Conversions

Conversions Part 2

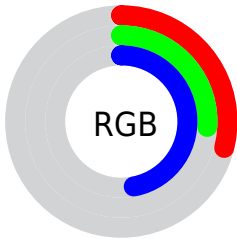
Format	Color
RYB	75, 66, 120
Decimal	4932216
CIELab	31.23, 17.73, -29.62
CIElCh	31, 34.521, 300.900
Yxy	6.7484, 0.2450, 0.2007
Android (android.graphics.Color)	4283122296 (0xFF4B4278)
YUV	74.8470, 22.2604, 0.1342
Hunter-Lab	25.9776, 11.1590, -24.3532

Details

The Hex color **4B4278** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6F7842**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7E72AD**, and **1A1747** is the 20% darker color. If you saturate the color by 10%, you get **413678**, and if you desaturate by 10%, it is **554E78**.

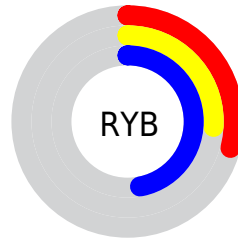
Distribution



Red (29%)

Green (26%)

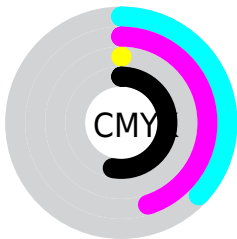
Blue (47%)



Red (29%)

Yellow (26%)

Blue (47%)

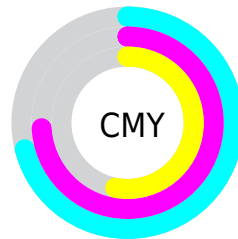


Cyan (37%)

Magenta (45%)

Yellow (0%)

Black (53%)



Cyan (71%)

Magenta (74%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B4278 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 4B4278 by changing the saturation by 10% instead.

■ 4B4278

■ 4B4278

FFFFFF

■ 332C5F

■ 7E72AD

■ 1A1747

■ 988CC8

■ 060030

■ B4A6E4

■ 00011B

■ D0C1FF

■ 000000

■ ECDDFF

■ FFFAFF

■ 4B4278

■ 4B4278

■ 413678

■ 554E78

■ 372A78

■ 5F5A78

■ 2D1E78

■ 696678

■ 231278

■ 737278

■ 190678

■ 7D7E78

■ 140078

■ 878A78

■ 919678

■ 9BA278

■ A5AE78

Harmonies

Analogous

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



004C80



4B4278



6B3764

Triad

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



4B4278



6C3E1A



005649

Complementary

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



4B4278



6F7842

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.



13542E



4B4278



57480F

Square

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



4B4278



79342F



3C5018



005664

Rectangle

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



4B4278



763253



3C5018



005640

Sweetspot

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



4B4278



89869C



426F78



44424F



CFCFCF



4F4F4F

Same Dimension

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



4B4278



56489C



664278



38373D



15007D



2A00FC

Inverse Universe

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



78426F



9C488E



547842



3D373C



7D0068



FC00D2

Previews

White Background



This preview shows how the Hex color 4B4278 looks on a white background.

Color Contrast Check

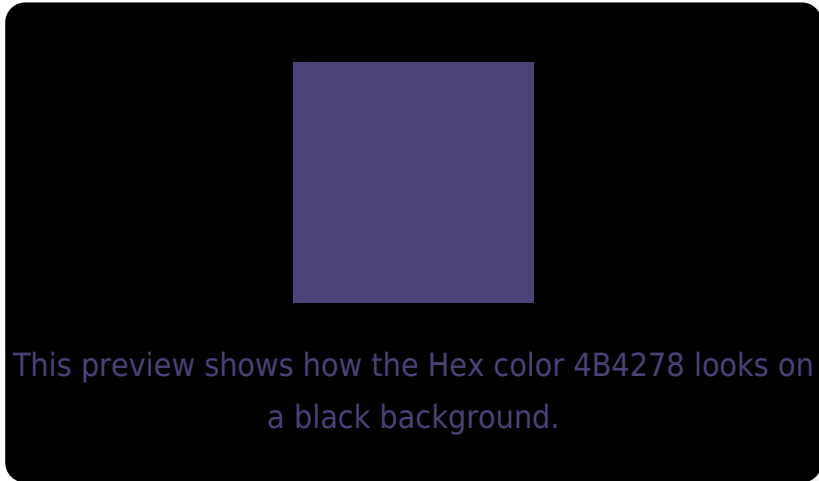
Large Text (above 18pt) WCAG AA ✓ Pass

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

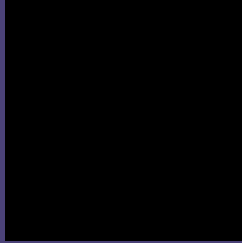
Any Text WCAG AA × Fail

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 4B4278 Background



This preview shows how black text looks on a background with the Hex color 4B4278.



This preview shows how white text looks on a background with the Hex color 4B4278.

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
4B4278

Protanopia
32487D

Deuteranopia
2F4A76



Tritanopia
424B51

Trichromacy



Original Color
4B4278

Protanomaly
3B467B

Deuteranomaly
394777

Tritanomaly
45485F

Monochromacy



Original Color
4B4278

Achromatopsia
4B4B4B

Achromatomaly
4B485B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B4278 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 #4B4278 looks like.

```
.text, #text, p{  
    color:#4B4278  
}
```

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 #4B4278 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B4278
}
```

Border

The CSS property to change the border of an element to Hex 4B4278 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
#4B4278 }
```

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

```
.border{ border-color:#4B4278 }
```

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

Here you see how a box with a 4 pixel #4B4278 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B4278; -webkit-box-shadow:4px 4px  
4px 4px #4B4278; box-shadow:4px 4px 4px  
4px #4B4278 }
```

Background

The CSS property to change the background color of an element to Hex 4B4278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B4278 }
```

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

```
.background{ background-color:#4B4278 }
```

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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