

Converting Colors

Hex(4B246F)

Have a look what the booklet for
Hex(4B246F) contains.

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Color

Hex(4B246F)

Conversions

Conversions Part 1

Format	Color
Hex	4B246F
RGB	75, 36, 111
RGB Percent	29%, 14%, 44%
CMY	0.7059, 0.8588, 0.5647
CMYK	0.32, 0.68, 0.00, 0.56
HSL	271°, 51%, 29%
HSV	271°, 68%, 44%
XYZ	6.4018, 3.9053, 15.4553
YIQ	56.2110, -0.8310, 31.5930

Conversions

Conversions Part 2

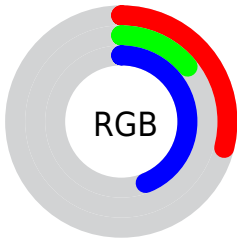
Format	Color
R_{YB}	75, 36, 111
Decimal	4924527
CIE Lab	23.36, 33.80, -36.47
CIE LCh	23, 49.725, 312.819
Yxy	3.9053, 0.2485, 0.1516
Android (android.graphics.Color)	4283114607 (0xFF4B246F)
YUV	56.2110, 27.0110, 16.4780
Hunter-Lab	19.7618, 23.2411, -32.5361

Details

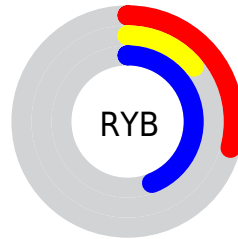
The Hex color **4B246F** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **486F24**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **7F53A3**, and **1B003F** is the 20% darker color. If you saturate the color by 10%, you get **46196F**, and if you desaturate by 10%, it is **502F6F**.

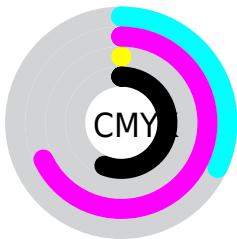
Distribution



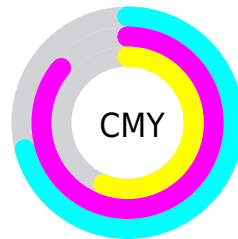
- Red (29%)
- Green (14%)
- Blue (44%)



- Red (29%)
- Yellow (14%)
- Blue (44%)



- Cyan (32%)
- Magenta (68%)
- Yellow (0%)
- Black (56%)



- Cyan (71%)
- Magenta (86%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B246F 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 4B246F by changing the saturation by 10% instead.

 4B246F

 4B246F


FFFFFF

 320C56

 7F53A3

 1B003F

 9A6CBF

 000028

 B586DB

 000111

 D1A1F7

 000000

 EEBCFF

 FFD8FF

 FFF5FF

 4B246F

 4B246F

■ 46196F

■ 502F6F

■ 400E6F

■ 563A6F

■ 3B036F

■ 5B456F

■ 3A006F

■ 60506F

■ 665C6F

■ 6B676F

■ 70726F

■ 767D6F

■ 7B886F

Harmonies

Analogous

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



003781



4B246F



6D034F

Triad

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



4B246F



572E00



004747

Complementary

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



4B246F



486F24

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.



004620



4B246F



373B00

Square

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



4B246F



6D1802



014200



00466A

Rectangle

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



4B246F



760036



014200



00473A

Sweetspot

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



4B246F



837491



24486F



41384A



C9C9C9



4A4A4A

Same Dimension

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



4B246F



591C91



6F246E



353238



3E0078



8100F7

Inverse Universe

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



6F2448



911C54



246F25



383235



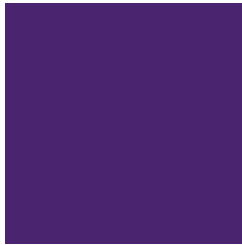
78003A



F70077

Previews

White Background



This preview shows how the Hex color 4B246F 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

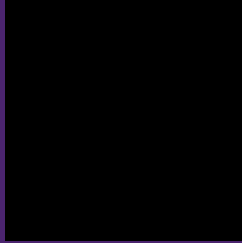
Any Text WCAG AA × Fail

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 4B246F Background



This preview shows how black text looks on a background with the Hex color 4B246F.



This preview shows how white text looks on a background with the Hex color 4B246F.

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](#).

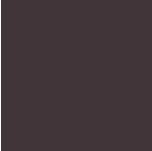
Dichromacy



Original Color
4B246F

Protanopia
003673

Deuteranopia
003A65



Tritanopia
413539

Trichromacy



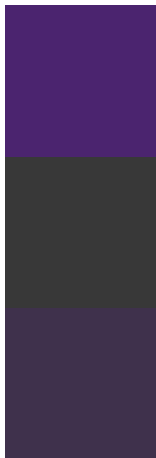
Original Color
4B246F

Protanomaly
1B2F72

Deuteranomaly
1B3269

Tritanomaly
452F4D

Monochromacy



Original Color
4B246F

Achromatopsia
383838

Achromatomaly
3F314C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B246F 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 #4B246F looks like.

```
.text, #text, p{  
    color:#4B246F  
}
```

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 #4B246F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B246F
}
```

Border

The CSS property to change the border of an element to Hex 4B246F is called "border". The border property can be set on classes, ids or directly on the HTML element.

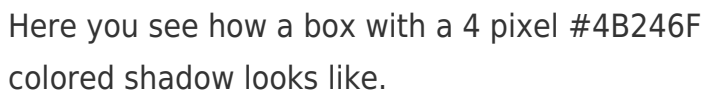
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B246F }
```

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

```
.border{ border-color:#4B246F }
```

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



Here you see how a box with a 4 pixel #4B246F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B246F; -webkit-box-shadow:4px 4px  
4px 4px #4B246F; box-shadow:4px 4px 4px  
4px #4B246F }
```

Background

The CSS property to change the background color of an element to Hex 4B246F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B246F }
```

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

```
.background{ background-color:#4B246F }
```

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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