

Converting Colors

Hex(4B245B)

Have a look what the booklet for
Hex(4B245B) contains.

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Color

Hex(4B245B)

Conversions

Conversions Part 1

Format	Color
Hex	4B245B
RGB	75, 36, 91
RGB Percent	29%, 14%, 36%
CMY	0.7059, 0.8588, 0.6431
CMYK	0.18, 0.60, 0.00, 0.64
HSL	283°, 43%, 25%
HSV	283°, 60%, 36%
XYZ	5.4209, 3.5129, 10.2899
YIQ	53.9310, 5.5890, 25.3730

Conversions

Conversions Part 2

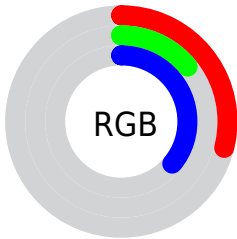
Format	Color
R_{YB}	75, 36, 91
Decimal	4924507
CIE _{Lab}	21.99, 28.71, -25.60
CIE _{LCh}	22, 38.462, 318.279
Yxy	3.5129, 0.2820, 0.1827
Android (android.graphics.Color)	4283114587 (0xFF4B245B)
YUV	53.9310, 18.2750, 18.4775
Hunter-Lab	18.7428, 18.8263, -19.4304

Details

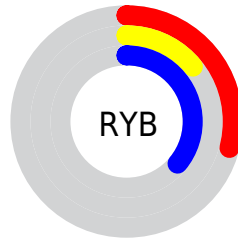
The Hex color **4B245B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **345B24**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **7D538E**, and **1F002D** is the 20% darker color. If you saturate the color by 10%, you get **481B5B**, and if you desaturate by 10%, it is **4E2D5B**.

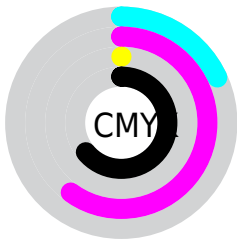
Distribution



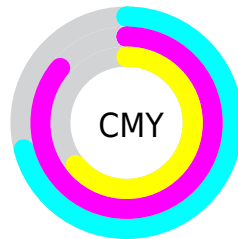
- Red (29%)
- Green (14%)
- Blue (36%)



- Red (29%)
- Yellow (14%)
- Blue (36%)



- Cyan (18%)
- Magenta (60%)
- Yellow (0%)
- Black (64%)



- Cyan (71%)
- Magenta (86%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B245B 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 4B245B by changing the saturation by 10% instead.

■ 4B245B

■ 4B245B

FFFFFF

■ 330D43

■ 7D538E

■ 1F002D

■ 986CA8

■ 000117

■ B385C3

■ 000000

■ CFA0DF

■ ECBBFC

■ FFD7FF

■ FFF3FF

■ 4B245B

■ 4B245B

■ 481B5B

■ 4E2D5B

■ 46125B

■ 50365B

■ 43095B

■ 533F5B

■ 41005B

■ 56485B

■ 58525B

■ 5B5B5B

■ 5E645B

■ 606D5B

■ 63765B

Harmonies

Analogous

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



16326B



4B245B



611641

Triad

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



4B245B



4B2F00



004146

Complementary

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



4B245B



345B24

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.



004128



4B245B



323800

Square

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



4B245B



5D2208



083E0A



00405F

Rectangle

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



4B245B



66132E



083E0A



00413C

Sweetspot

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



4B245B



6F6075



24355B



372E3B



BABABA



3B3B3B

Same Dimension

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



4B245B



5C2075



5B2450



2D292E



4E006E



A800ED

Inverse Universe

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



5B2434



752039



245B2F



2E292B



6E0020



ED0045

Previews

White Background



This preview shows how the Hex color 4B245B looks on a white background.

Color Contrast Check

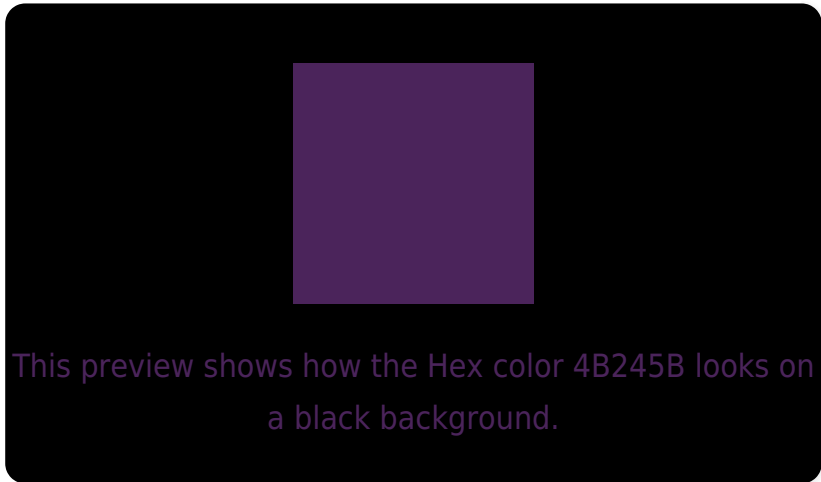
Large Text (above 18pt) WCAG AA ✓ Pass

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

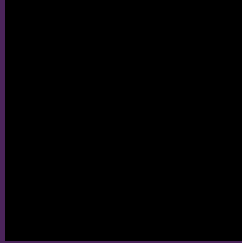
Any Text WCAG AA × Fail

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 4B245B Background



This preview shows how black text looks on a background with the Hex color 4B245B.



This preview shows how white text looks on a background with the Hex color 4B245B.

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](#).

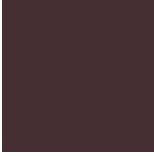
Dichromacy



Original Color
4B245B

Protanopia
11346B

Deuteranopia
203658



Tritanopia
452F33

Trichromacy



Original Color
4B245B

Protanomaly
262E65

Deuteranomaly
302F59

Tritanomaly
472B42

Monochromacy



Original Color
4B245B

Achromatopsia
363636

Achromatomaly
3E2F43

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B245B 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 #4B245B looks like.

```
.text, #text, p{  
    color:#4B245B  
}
```

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 #4B245B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B245B  
}
```

Border

The CSS property to change the border of an element to Hex 4B245B 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  
#4B245B }
```

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

```
.border{ border-color:#4B245B }
```

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

Here you see how a box with a 4 pixel #4B245B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B245B; -webkit-box-shadow:4px 4px  
4px 4px #4B245B; box-shadow:4px 4px 4px  
4px #4B245B }
```

Background

The CSS property to change the background color of an element to Hex 4B245B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B245B }
```

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

```
.background{ background-color:#4B245B }
```

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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