

Converting Colors

Hex(4B1267)

Have a look what the booklet for
Hex(4B1267) contains.

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Color

Hex(4B1267)

Conversions

Conversions Part 1

Format	Color
Hex	4B1267
RGB	75, 18, 103
RGB Percent	29%, 7%, 40%
CMY	0.7059, 0.9294, 0.5961
CMYK	0.27, 0.83, 0.00, 0.60
HSL	280°, 70%, 24%
HSV	280°, 83%, 40%
XYZ	5.5661, 2.9077, 13.0998
YIQ	44.7330, 6.6870, 38.5190

Conversions

Conversions Part 2

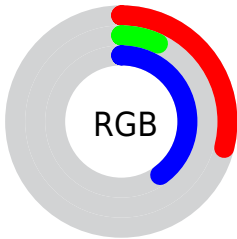
Format	Color
R _Y B	75, 18, 103
Decimal	4919911
CIE Lab	19.67, 40.41, -37.23
CIE LCh	20, 54.951, 317.347
Yxy	2.9077, 0.2580, 0.1348
Android (android.graphics.Color)	4283109991 (0xFF4B1267)
YUV	44.7330, 28.7256, 26.5442
Hunter-Lab	17.0521, 28.4247, -33.6116

Details

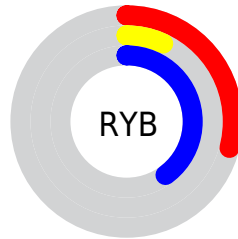
The Hex color **4B1267** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **2E6712**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **7F449B**, and **1E0037** is the 20% darker color. If you saturate the color by 10%, you get **480867**, and if you desaturate by 10%, it is **4E1C67**.

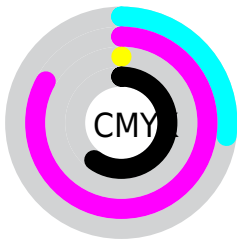
Distribution



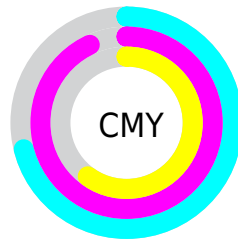
- Red (29%)
- Green (7%)
- Blue (40%)



- Red (29%)
- Yellow (7%)
- Blue (40%)



- Cyan (27%)
- Magenta (83%)
- Yellow (0%)
- Black (60%)



- Cyan (71%)
- Magenta (93%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B1267 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 4B1267 by changing the saturation by 10% instead.



4B1267



4B1267

FFFFFF



32004E



7F449B



1E0037



9A5DB6



000221



B677D2



000005



D291EE



000000



EFACFF



FFC8FF



FFE5FF



4B1267



4B1267

■ 480867

■ 4E1C67

■ 450067

■ 522767

■ 553167

■ 593B67

■ 5C4667

■ 5F5067

■ 635A67

■ 666467

■ 6A6F67

Harmonies

Analogous

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



002D7E



4B1267



6B0042

Triad

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



4B1267



4A2800



003F47

Complementary

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



4B1267



2E6712

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.



003E1C



4B1267



263500

Square

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



4B1267



640B00



003B00



003E6B

Rectangle

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



4B1267



720028



003B00



003F39

Sweetspot

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



4B1267



7C6587



122E67



3E3045



C4C4C4



454545

Same Dimension

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



4B1267



5B0187



671259



312E33



4D0073



A200F2

Inverse Universe

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



67122E



87012D



126720



332E30



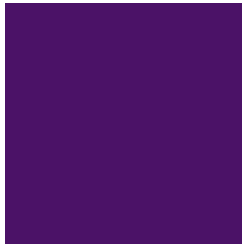
730026



F20050

Previews

White Background



This preview shows how the Hex color 4B1267 looks on a white background.

Color Contrast Check

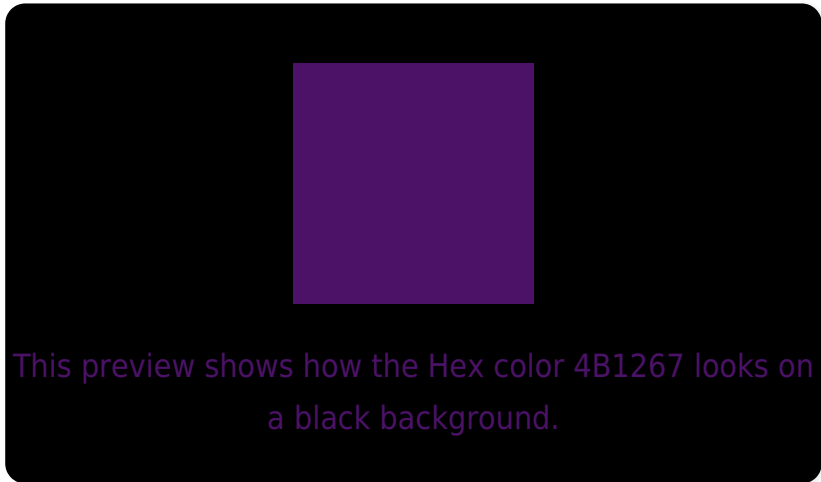
Large Text (above 18pt) WCAG AA ✓ Pass

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

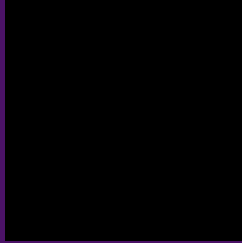
Any Text WCAG AA × Fail

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 4B1267 Background



This preview shows how black text looks on a background with the Hex color 4B1267.



This preview shows how white text looks on a background with the Hex color 4B1267.

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
4B1267

Deuteranopia
003258

Tritanopia
422B2E

Trichromacy



Original Color
4B1267

Deuteranomaly
1B265D

Tritanomaly
452243

Monochromacy



Original Color
4B1267

Achromatopsia
2D2D2D

Achromatomaly
382342

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B1267 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 #4B1267 looks like.

```
.text, #text, p{  
    color:#4B1267  
}
```

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 #4B1267 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B1267
}
```

Border

The CSS property to change the border of an element to Hex 4B1267 is called "border". The border property can be set on classes, ids or directly on the HTML element.

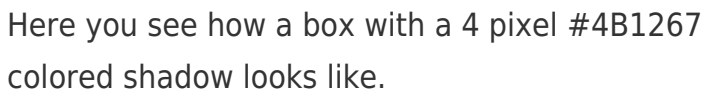
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B1267 }
```

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

```
.border{ border-color:#4B1267 }
```

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



Here you see how a box with a 4 pixel #4B1267 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B1267; -webkit-box-shadow:4px 4px  
4px 4px #4B1267; box-shadow:4px 4px 4px  
4px #4B1267 }
```

Background

The CSS property to change the background color of an element to Hex 4B1267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B1267 }
```

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

```
.background{ background-color:#4B1267 }
```

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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