

Converting Colors

Hex(4B3363)

Have a look what the booklet for
Hex(4B3363) contains.

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Color

Hex(4B3363)

Conversions

Conversions Part 1

Format	Color
Hex	4B3363
RGB	75, 51, 99
RGB Percent	29%, 20%, 39%
CMY	0.7059, 0.8000, 0.6118
CMYK	0.24, 0.48, 0.00, 0.61
HSL	270°, 32%, 29%
HSV	270°, 48%, 39%
XYZ	6.3376, 4.7644, 12.3900
YIQ	63.6480, -1.1040, 20.0160

Conversions

Conversions Part 2

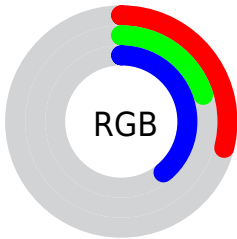
Format	Color
R_{YB}	75, 51, 99
Decimal	4928355
CIE Lab	26.05, 21.49, -24.41
CIE LCh	26, 32.524, 311.358
Yxy	4.7644, 0.2698, 0.2028
Android (android.graphics.Color)	4283118435 (0xFF4B3363)
YUV	63.6480, 17.4285, 9.9557
Hunter-Lab	21.8274, 13.6296, -18.3758

Details

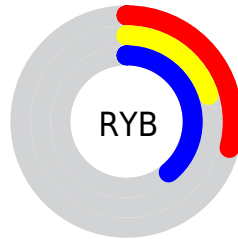
The Hex color **4B3363** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4B6333**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **7D6296**, and **1D0834** is the 20% darker color. If you saturate the color by 10%, you get **462963**, and if you desaturate by 10%, it is **503D63**.

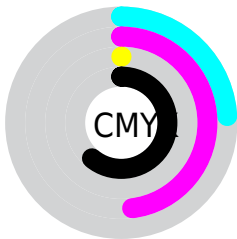
Distribution



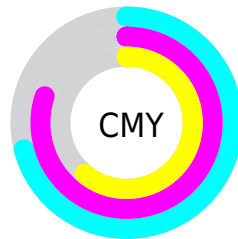
- Red (29%)
- Green (20%)
- Blue (39%)



- Red (29%)
- Yellow (20%)
- Blue (39%)



- Cyan (24%)
- Magenta (48%)
- Yellow (0%)
- Black (61%)



- Cyan (71%)
- Magenta (80%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B3363 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 4B3363 by changing the saturation by 10% instead.

■ 4B3363

■ 4B3363

FFFFFF

■ 331D4B

■ 7D6296

■ 1D0834

■ 977BB1

■ 00001E

■ B295CC

■ 000001

■ CEB0E9

■ 000000

■ EBCBFF

■ FFE8FF

■ 4B3363

■ 4B3363

■ 462963

■ 503D63

■ 411F63

■ 554763

■ 3C1563

■ 5A5163

■ 370B63

■ 5F5B63

■ 320263

■ 646563

■ 320063

■ 696E63

■ 6E7863

■ 738263

■ 788C63

Harmonies

Analogous

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



1D3D6E



4B3363



62294E

Triad

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



4B3363



57370C



004A47

Complementary

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



4B3363



4B6333

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.



00482D



4B3363



423F07

Square

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



4B3363



662D1E



264516



00485E

Rectangle

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



4B3363



69263E



264516



00493E

Sweetspot

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



4B3363



766C80



334B63



3A3440



BFBFBF



404040

Same Dimension

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



4B3363



5B3680



633363



2E2C30



380070



7800F0

Inverse Universe

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



63334B



80365B



336333



302C2E



700038



F00078

Previews

White Background



This preview shows how the Hex color 4B3363 looks on a white background.

Color Contrast Check

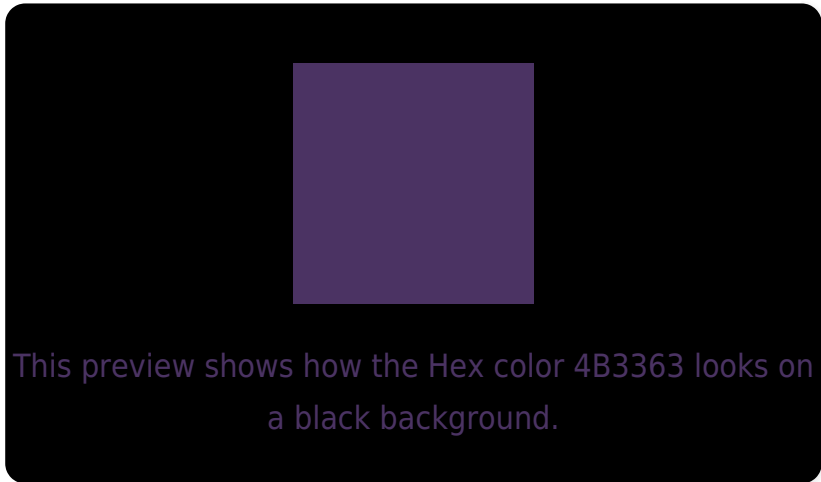
Large Text (above 18pt) WCAG AA ✓ Pass

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

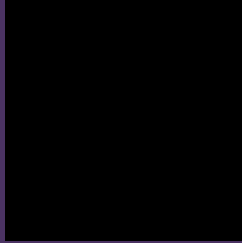
Any Text WCAG AA × Fail

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 4B3363 Background



This preview shows how black text looks on a background with the Hex color 4B3363.



This preview shows how white text looks on a background with the Hex color 4B3363.

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](#).

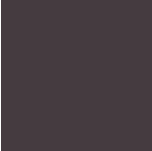
Dichromacy



Original Color
4B3363

Protanopia
293C6C

Deuteranopia
2C3E61



Tritanopia
453B40

Trichromacy



Original Color
4B3363

Protanomaly
353969

Deuteranomaly
373A62

Tritanomaly
47384D

Monochromacy



Original Color
4B3363

Achromatopsia
404040

Achromatomaly
443B4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B3363 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 #4B3363 looks like.

```
.text, #text, p{  
    color:#4B3363  
}
```

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 #4B3363 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B3363
}
```

Border

The CSS property to change the border of an element to Hex 4B3363 is called "border". The border property can be set on classes, ids or directly on the HTML element.

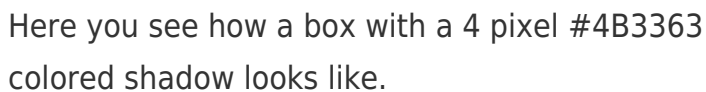
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B3363 }
```

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

```
.border{ border-color:#4B3363 }
```

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



Here you see how a box with a 4 pixel #4B3363 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B3363; -webkit-box-shadow:4px 4px  
4px 4px #4B3363; box-shadow:4px 4px 4px  
4px #4B3363 }
```

Background

The CSS property to change the background color of an element to Hex 4B3363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B3363 }
```

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

```
.background{ background-color:#4B3363 }
```

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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