

Converting Colors

Hex(4B4B11)

Have a look what the booklet for
Hex(4B4B11) contains.

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Color

Hex(4B4B11)

Conversions

Conversions Part 1

Format	Color
Hex	4B4B11
RGB	75, 75, 17
RGB Percent	29%, 29%, 7%
CMY	0.7059, 0.7059, 0.9333
CMYK	0.00, 0.00, 0.77, 0.71
HSL	60°, 63%, 18%
HSV	60°, 77%, 29%
XYZ	5.5189, 6.5685, 1.5073
YIQ	68.3880, 18.6180, -18.0380

Conversions

Conversions Part 2

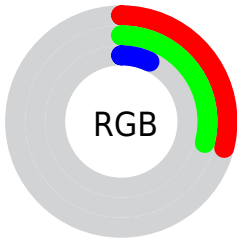
Format	Color
RYB	17, 75, 17
Decimal	4934417
CIELab	30.80, -8.12, 32.67
CIElCh	31, 33.669, 103.962
Yxy	6.5685, 0.4060, 0.4832
Android (android.graphics.Color)	4283124497 (0xFF4B4B11)
YUV	68.3880, -25.3343, 5.7987
Hunter-Lab	25.6290, -6.4130, 14.4534

Details

The Hex color **4B4B11** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **11114B**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **7E7C40**, and **1C1F00** is the 20% darker color. If you saturate the color by 10%, you get **4B4B09**, and if you desaturate by 10%, it is **4B4B18**.

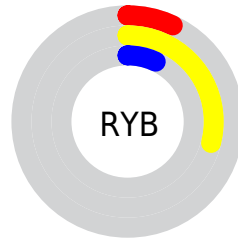
Distribution



Red (29%)

Green (29%)

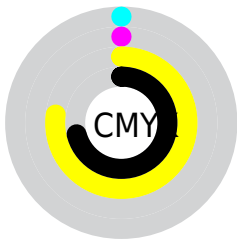
Blue (7%)



Red (7%)

Yellow (29%)

Blue (7%)

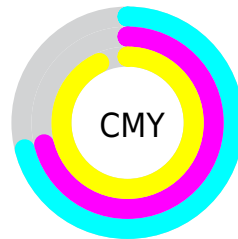


Cyan (0%)

Magenta (0%)

Yellow (77%)

Black (71%)



Cyan (71%)

Magenta (71%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B4B11 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 4B4B11 by changing the saturation by 10% instead.

 4B4B11

 4B4B11

 FFFFFA

 343400

 7E7C40

 1C1F00

 999558

 000500

 B4B071

 000000

 D0CB8B

 EDE7A6

 FFFFC1

 FFFFDD

 4B4B11

 4B4B11

■ 4B4B09

■ 4B4B18

■ 4B4B02

■ 4B4B20

■ 4B4B00

■ 4B4B27

■ 4B4B2F

■ 4B4B37

■ 4B4B3E

■ 4B4B46

■ 4B4B4D

■ 4B4B54

Harmonies

Analogous

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



624214



4B4B11



2D5121

Triad

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



4B4B11



00546C



713358

Complementary

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



4B4B11



11114B

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.



5A3C6F



4B4B11



004F7B

Square

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



4B4B11



005554



2F477C



79313D

Rectangle

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



4B4B11



0D5430



2F477C



6B3560

Sweetspot

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



4B4B11



61614B



4B1111



303023



B0B0B0



303030

Same Dimension

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



4B4B11



616107



2E4B11



262622



666600



E6E600

Inverse Universe

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



11114B



070761



2E114B



222226



000066



0000E6

Previews

White Background



This preview shows how the Hex color 4B4B11 looks on a white background.

Color Contrast Check

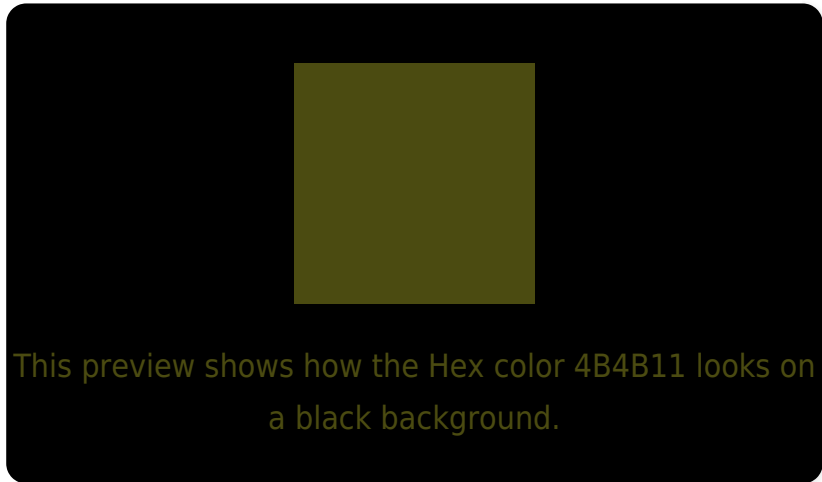
Large Text (above 18pt) WCAG AA ✓ Pass

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

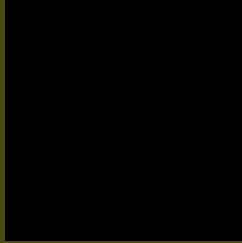
Any Text WCAG AA × Fail

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 4B4B11 Background



This preview shows how black text looks on a background with the Hex color 4B4B11.



This preview shows how white text looks on a background with the Hex color 4B4B11.

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
4B4B11

Protanopia
524910

Deuteranopia
5B4514



Tritanopia
50464B

Trichromacy



Original Color
4B4B11

Protanomaly
4F4A10

Deuteranomaly
554713

Tritanomaly
4E4836

Monochromacy



Original Color
4B4B11

Achromatopsia
444444

Achromatomaly
474731

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B4B11 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 #4B4B11 looks like.

```
.text, #text, p{  
    color:#4B4B11  
}
```

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 #4B4B11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B4B11
}
```

Border

The CSS property to change the border of an element to Hex 4B4B11 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
#4B4B11 }
```

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

```
.border{ border-color:#4B4B11 }
```

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

Here you see how a box with a 4 pixel #4B4B11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B4B11; -webkit-box-shadow:4px 4px  
4px 4px #4B4B11; box-shadow:4px 4px 4px  
4px #4B4B11 }
```

Background

The CSS property to change the background color of an element to Hex 4B4B11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B4B11 }
```

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

```
.background{ background-color:#4B4B11 }
```

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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