

Converting Colors

Hex(4B5100)

Have a look what the booklet for
Hex(4B5100) contains.

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Color

Hex(4B5100)

Conversions

Conversions Part 1

Format	Color
Hex	4B5100
RGB	75, 81, 0
RGB Percent	29%, 32%, 0%
CMY	0.7059, 0.6824, 1.0000
CMYK	0.07, 0.00, 1.00, 0.68
HSL	64°, 100%, 16%
HSV	64°, 100%, 32%
XYZ	5.8441, 7.3807, 1.1166
YIQ	69.9720, 22.4250, -26.4630

Conversions

Conversions Part 2

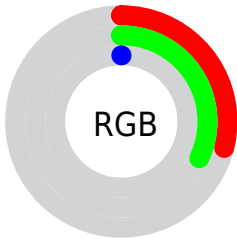
Format	Color
RYB	0, 81, 6
Decimal	4935936
CIELab	32.66, -12.39, 40.44
CIELCh	33, 42.296, 107.031
Yxy	7.3807, 0.4075, 0.5146
Android (android.graphics.Color)	4283126016 (0xFF4B5100)
YUV	69.9720, -34.4962, 4.4096
Hunter-Lab	27.1675, -9.1454, 16.5804

Details

The Hex color **4B5100** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **060051**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **7F8235**, and **1B2500** is the 20% darker color. If you saturate the color by 10%, you get **4B5100**, and if you desaturate by 10%, it is **4C5108**.

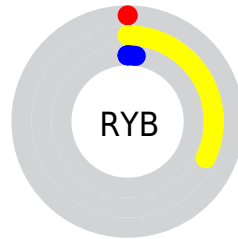
Distribution



Red (29%)

Green (32%)

Blue (0%)



Red (0%)

Yellow (32%)

Blue (2%)

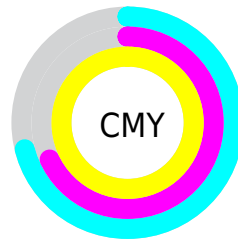


Cyan (7%)

Magenta (0%)

Yellow (100%)

Black (68%)



Cyan (71%)

Magenta (68%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B5100 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 4B5100 by changing the saturation by 10% instead.

 4B5100

 4B5100

 FFFFEF

 333A00

 7F8235

 1B2500

 9A9C4D

 001100

 B5B767

 000000

 D1D281

 EEEF9B

 FFFFB6

 FFFF D2

 4B5100

■ 4C5108

■ 4C5110

■ 4D5118

■ 4D5120

■ 4E5129

■ 4F5131

■ 4F5139

■ 505141

■ 505149

Harmonies

Analogous

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



694602



4B5100



22581C

Triad

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



4B5100



005A7D



812D5D

Complementary

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



4B5100



060051

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.



663B7B



4B5100



00558E

Square

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



4B5100



005C5F



2D4A8D



882C3B

Rectangle

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



4B5100



005B31



2D4A8D



7B3168

Sweetspot

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



4B5100



666949



510500



343622



B5B5B5



363636

Same Dimension

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



4B5100



616900



235100



282925



D7E800

Inverse Universe

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



060051



080069



2E0051



252529



1100E8

Previews

White Background



This preview shows how the Hex color 4B5100 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

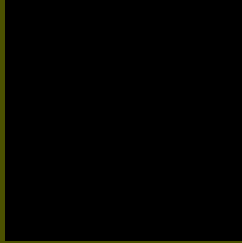
Any Text WCAG AA × Fail

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 4B5100 Background



This preview shows how black text looks on a background with the Hex color 4B5100.



This preview shows how white text looks on a background with the Hex color 4B5100.

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
4B5100

Protanopia
574D00

Deuteranopia
61490D



Tritanopia
514B51

Trichromacy



Original Color
4B5100

Protanomaly
534E00

Deuteranomaly
594C08

Tritanomaly
4F4D34

Monochromacy



Original Color
4B5100

Achromatopsia
464646

Achromatomaly
484A2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B5100 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 #4B5100 looks like.

```
.text, #text, p{  
    color:#4B5100  
}
```

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 #4B5100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B5100
}
```

Border

The CSS property to change the border of an element to Hex 4B5100 is called "border". The border property can be set on classes, ids or directly on the HTML element.

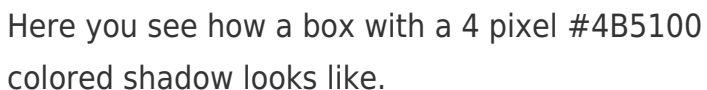
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B5100 }
```

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

```
.border{ border-color:#4B5100 }
```

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



Here you see how a box with a 4 pixel #4B5100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B5100; -webkit-box-shadow:4px 4px  
4px 4px #4B5100; box-shadow:4px 4px 4px  
4px #4B5100 }
```

Background

The CSS property to change the background color of an element to Hex 4B5100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B5100 }
```

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

```
.background{ background-color:#4B5100 }
```

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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