

# Converting Colors

Hex(464B00)

Have a look what the booklet for  
Hex(464B00) contains.

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**Color**

**Hex(464B00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	464B00
RGB	70, 75, 0
RGB Percent	27%, 29%, 0%
CMY	0.7255, 0.7059, 1.0000
CMYK	0.07, 0.00, 1.00, 0.71
HSL	64°, 100%, 15%
HSV	64°, 100%, 29%
XYZ	5.0419, 6.3342, 0.9569
YIQ	64.9550, 21.0950, -24.3850

# Conversions

## Conversions Part 2

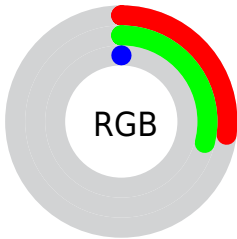
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 75, 5
Decimal	4606720
CIELab	30.24, -11.44, 38.45
CIELCh	30, 40.119, 106.574
Yxy	6.3342, 0.4088, 0.5136
Android (android.graphics.Color)	4282796800 (0xFF464B00)
YUV	64.9550, -32.0228, 4.4245
Hunter-Lab	25.1679, -8.2852, 15.3633

# Details

The Hex color **464B00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **05004B**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **797C33**, and **161F00** is the 20% darker color. If you saturate the color by 10%, you get **464B00**, and if you desaturate by 10%, it is **474B07**.

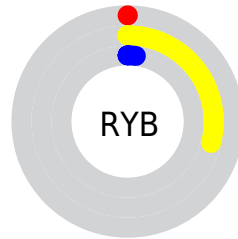
# Distribution



Red (27%)

Green (29%)

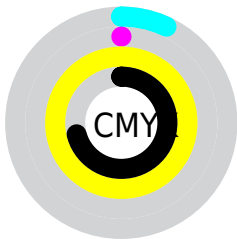
Blue (0%)



Red (0%)

Yellow (29%)

Blue (2%)

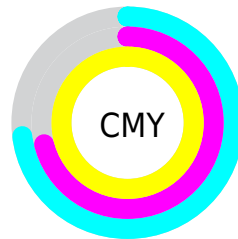


Cyan (7%)

Magenta (0%)

Yellow (100%)

Black (71%)



Cyan (73%)

Magenta (71%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 464B00 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 464B00 by changing the saturation by 10% instead.



 464B00

 464B00

 FFFFEC

 2F3400

 797C33

 161F00

 94954B

 000200

 AFB064

 000000

 CBCB7E

 E8E799

 FFFFB4

 FFFF00

 464B00

 474B07

 474B0F

 484B17

 484B1E

 494B26

 494B2D

 4A4B35

 4A4B3C

 4B4B44

# Harmonies

## Analogous

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



624102



464B00



205119

# Triad

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



464B00



005474



782A57

# Complementary

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



464B00



05004B

# 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.



5E3773



464B00



004F84

# Square

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



464B00



005658



284583



7F2837

# Rectangle

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



464B00



00542D



284583



722D61



# Sweetspot

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



464B00



5F6144



4B0500



2F301F



B0B0B0



303030



# Same Dimension

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



464B00



5A6100



204B00



262622



5F6600



D6E600



# Inverse Universe

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



05004B



060061



2A004B



232226



070066



0F00E6



# Previews

## White Background



This preview shows how the Hex color 464B00 looks on a white background.

## Color Contrast Check

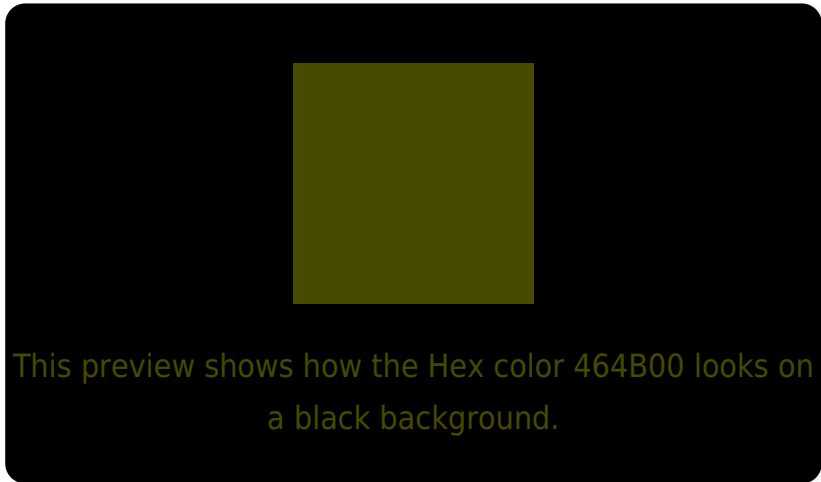
Large Text (above 18pt) WCAG AA ✓ Pass

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

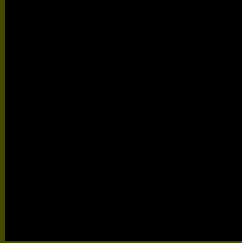
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 464B00 Background



This preview shows how black text looks on a background with the Hex color 464B00.



This preview shows how white text looks on a background with the Hex color 464B00.

# 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**  
464B00

**Protanopia**  
514800

**Deuteranopia**  
5A440C



**Tritanopia**  
4B464B

# Trichromacy



**Original Color**  
464B00

**Protanomaly**  
4D4900

**Deuteranomaly**  
534708

**Tritanomaly**  
494830

# Monochromacy



**Original Color**  
464B00

**Achromatopsia**  
414141

**Achromatomaly**  
434529

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 464B00 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 #464B00 looks like.

```
.text, #text, p{  
    color:#464B00  
}
```

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 #464B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464B00
}
```

## Border

The CSS property to change the border of an element to Hex 464B00 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
#464B00 }
```

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

```
.border{ border-color:#464B00 }
```

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

Here you see how a box with a 4 pixel #464B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464B00; -webkit-box-shadow:4px 4px  
4px 4px #464B00; box-shadow:4px 4px 4px  
4px #464B00 }
```

# Background

The CSS property to change the background color of an element to Hex 464B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464B00 }
```

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

```
.background{ background-color:#464B00 }
```

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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