

# Converting Colors

Hex(436202)

Have a look what the booklet for  
Hex(436202) contains.

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**Color**

**Hex(436202)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	436202
RGB	67, 98, 2
RGB Percent	26%, 38%, 1%
CMY	0.7373, 0.6157, 0.9922
CMYK	0.32, 0.00, 0.98, 0.62
HSL	79°, 96%, 20%
HSV	79°, 98%, 38%
XYZ	6.6934, 9.9330, 1.6219
YIQ	77.7870, 12.3400, -36.4280

# Conversions

## Conversions Part 2

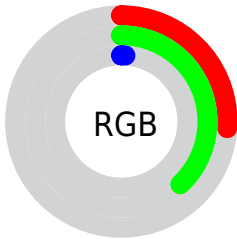
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	2, 98, 33
Decimal	4416002
CIE <sub>Lab</sub>	37.72, -25.08, 43.41
CIE <sub>LCh</sub>	38, 50.139, 120.018
Yxy	9.9330, 0.3668, 0.5443
Android (android.graphics.Color)	4282606082 (0xFF436202)
YUV	77.7870, -37.3630, -9.4602
Hunter-Lab	31.5167, -17.2453, 19.0105

# Details

The Hex color **436202** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **210262**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **77953A**, and **103300** is the 20% darker color. If you saturate the color by 10%, you get **426200**, and if you desaturate by 10%, it is **46620C**.

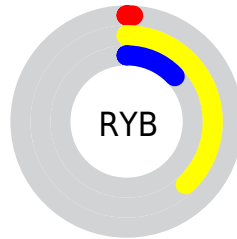
# Distribution



Red (26%)

Green (38%)

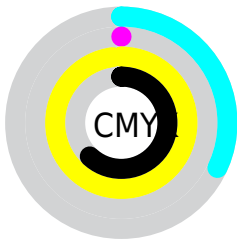
Blue (1%)



Red (1%)

Yellow (38%)

Blue (13%)

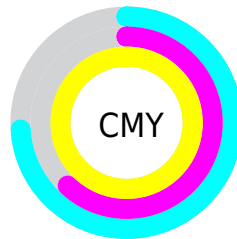


Cyan (32%)

Magenta (0%)

Yellow (98%)

Black (62%)



Cyan (74%)

Magenta (62%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 436202 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 436202 by changing the saturation by 10% instead.



 436202

 436202

 FFFFF7

 2A4A00

 77953A

 103300

 91B053

 002000

 ADCB6D

 000000

 C9E787

 E6FFA2

 FFFFBE

 FFFFDA

 436202

 436202

■ 426200

■ 46620C

■ 496216

■ 4C621F

■ 506229

■ 536233

■ 56623D

■ 596247

■ 5C6250

■ 5F625A

# Harmonies

## Analogous

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



6B5700



436202



00682E

# Triad

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



436202



00679F



9E2D5B

# Complementary

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



436202



210262

# 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.



893A82



436202



005EAA

# Square

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



436202



006B80



564E9F



9D3433

# Rectangle

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



436202



006A49



564E9F



9A2F68



# Sweetspot

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



436202



74805B



622002



394029



BFBFBF



404040



# Same Dimension

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



436202



568000



146202



2F302C



4C7000



A2F000



# Inverse Universe

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



210262



290080



500262



2D2C30



240070

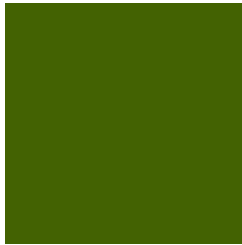


4D00F0



# Previews

## White Background



This preview shows how the Hex color 436202 looks on a white background.

## Color Contrast Check

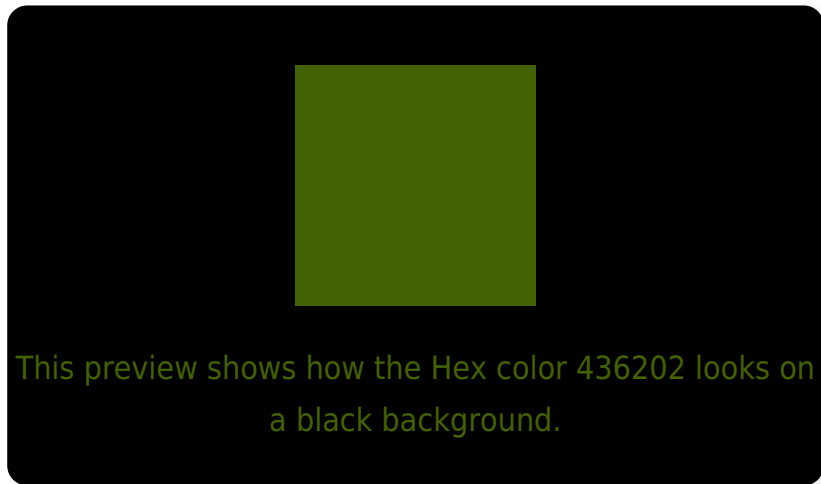
Large Text (above 18pt) WCAG AA ✓ Pass

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 436202 Background



This preview shows how black text looks on a background with the Hex color 436202.



This preview shows how white text looks on a background with the Hex color 436202.

# 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](#).

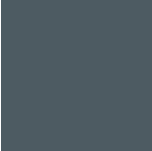
## Dichromacy



**Original Color**  
436202

**Protanopia**  
645900

**Deuteranopia**  
705413



**Tritanopia**  
4D5B62

# Trichromacy



**Original Color**  
436202

**Protanomaly**  
585C01

**Deuteranomaly**  
60590D

**Tritanomaly**  
495E3F

# Monochromacy



**Original Color**  
436202

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
4A5532

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 436202 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 #436202 looks like.

```
.text, #text, p{  
    color:#436202  
}
```

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 #436202 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #436202
}
```

## Border

The CSS property to change the border of an element to Hex 436202 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".

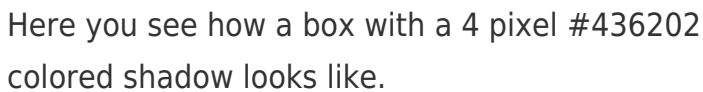
```
.border, #border, table{ border:4px solid
#436202 }
```

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

```
.border{ border-color:#436202 }
```

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

Here you see how a box with a 4 pixel #436202 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #436202; -webkit-box-shadow:4px 4px  
4px 4px #436202; box-shadow:4px 4px 4px  
4px #436202 }
```

# Background

The CSS property to change the background color of an element to Hex 436202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#436202 }
```

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

```
.background{ background-color:#436202 }
```

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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