

# Converting Colors

Hex(435C00)

Have a look what the booklet for  
Hex(435C00) contains.

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**Color**

**Hex(435C00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	435C00
RGB	67, 92, 0
RGB Percent	26%, 36%, 0%
CMY	0.7373, 0.6392, 1.0000
CMYK	0.27, 0.00, 1.00, 0.64
HSL	76°, 100%, 18%
HSV	76°, 100%, 36%
XYZ	6.1419, 8.8476, 1.3840
YIQ	74.0370, 14.6320, -33.9120

# Conversions

## Conversions Part 2

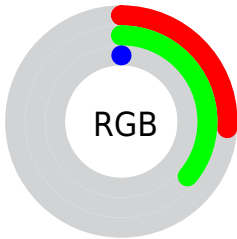
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 92, 25
Decimal	4414464
CIELab	35.69, -22.15, 42.44
CIELCh	36, 47.878, 117.564
Yxy	8.8476, 0.3751, 0.5404
Android (android.graphics.Color)	4282604544 (0xFF435C00)
YUV	74.0370, -36.5002, -6.1714
Hunter-Lab	29.7449, -15.1959, 18.0626

# Details

The Hex color **435C00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **19005C**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **768E37**, and **112E00** is the 20% darker color. If you saturate the color by 10%, you get **435C00**, and if you desaturate by 10%, it is **465C09**.

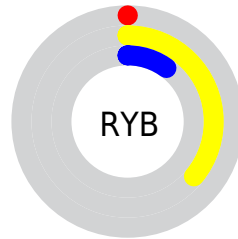
# Distribution



Red (26%)

Green (36%)

Blue (0%)



Red (0%)

Yellow (36%)

Blue (10%)

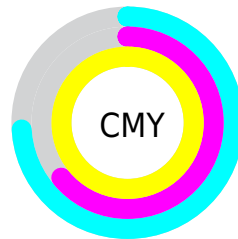


Cyan (27%)

Magenta (0%)

Yellow (100%)

Black (64%)



Cyan (74%)

Magenta (64%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 435C00 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 435C00 by changing the saturation by 10% instead.



 435C00

 435C00

 FFFFF3

 2B4400

 768E37

 112E00

 91A950

 001B00

 ADC46A

 000000

 C9E084

 E5FD9F

 FFFFBA

 FFFFD6

 435C00

 465C09

 485C12

 4A5C1C

 4D5C25

 505C2E

 525C37

 555C40

 575C4A

 5A5C53

# Harmonies

## Analogous

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



685100



435C00



006228

# Triad

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



435C00



006294



952B59

# Complementary

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



435C00



19005C

# 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.



7F387E



435C00



005AA1

# Square

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



435C00



006576



4C4B98



963133

# Rectangle

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



435C00



006442



4C4B98



902E66



# Sweetspot

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



435C00



6E7854



5C1900



373D27



BDBDBD



3D3D3D



# Same Dimension

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



435C00



577800



155C00



2D2E29



506E00



ADED00



# Inverse Universe

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



19005C



210078



47005C



2B292E



1E006E



4000ED



# Previews

## White Background



This preview shows how the Hex color 435C00 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

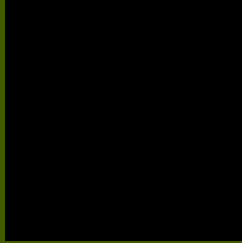
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 435C00 Background



This preview shows how black text looks on a background with the Hex color 435C00.



This preview shows how white text looks on a background with the Hex color 435C00.

# 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](#).

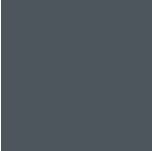
## Dichromacy



**Original Color**  
435C00

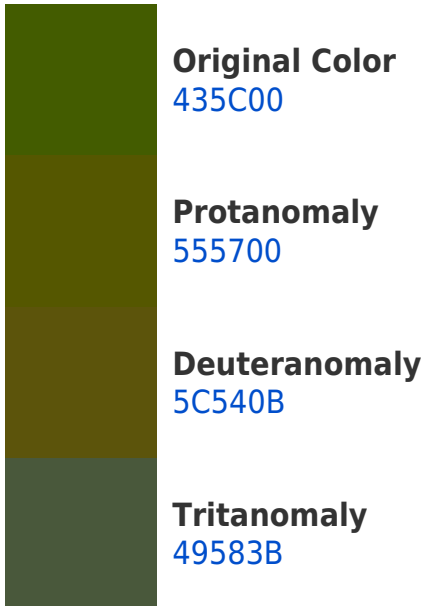
**Protanopia**  
5F5400

**Deuteranopia**  
6A5011

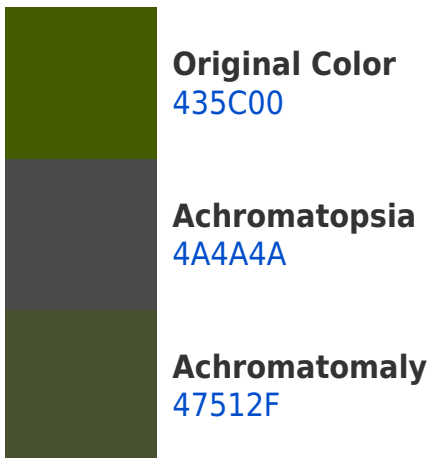


**Tritanopia**  
4C565C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 435C00 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 #435C00 looks like.

```
.text, #text, p{  
    color:#435C00  
}
```

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 #435C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #435C00
}
```

## Border

The CSS property to change the border of an element to Hex 435C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

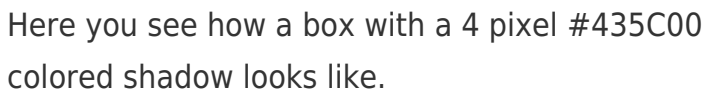
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#435C00 }
```

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

```
.border{ border-color:#435C00 }
```

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



Here you see how a box with a 4 pixel #435C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #435C00; -webkit-box-shadow:4px 4px  
4px 4px #435C00; box-shadow:4px 4px 4px  
4px #435C00 }
```

# Background

The CSS property to change the background color of an element to Hex 435C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#435C00 }
```

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

```
.background{ background-color:#435C00 }
```

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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