

Converting Colors

Hex(435500)

Have a look what the booklet for
Hex(435500) contains.

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Color

Hex(435500)

Conversions

Conversions Part 1

Format	Color
Hex	435500
RGB	67, 85, 0
RGB Percent	26%, 33%, 0%
CMY	0.7373, 0.6667, 1.0000
CMYK	0.21, 0.00, 1.00, 0.67
HSL	73°, 100%, 17%
HSV	73°, 100%, 33%
XYZ	5.5632, 7.6903, 1.1912
YIQ	69.9280, 16.5570, -30.2510

Conversions

Conversions Part 2

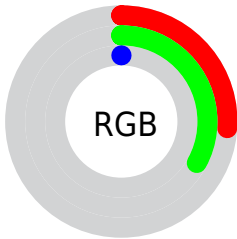
Format	Color
RYB	0, 85, 18
Decimal	4412672
CIELab	33.33, -18.49, 40.65
CIElCh	33, 44.661, 114.462
Yxy	7.6903, 0.3851, 0.5324
Android (android.graphics.Color)	4282602752 (0xFF435500)
YUV	69.9280, -34.4745, -2.5679
Hunter-Lab	27.7314, -12.7207, 16.8652

Details

The Hex color **435500** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **120055**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **768736**, and **122800** is the 20% darker color. If you saturate the color by 10%, you get **435500**, and if you desaturate by 10%, it is **455508**.

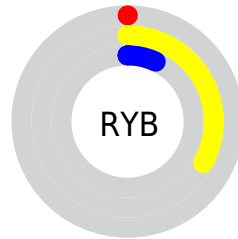
Distribution



Red (26%)

Green (33%)

Blue (0%)



Red (0%)

Yellow (33%)

Blue (7%)

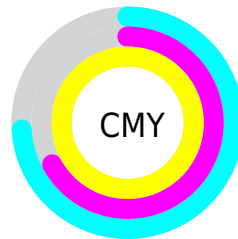


Cyan (21%)

Magenta (0%)

Yellow (100%)

Black (67%)



Cyan (74%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 435500 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 435500 by changing the saturation by 10% instead.

 435500

 435500

 FFFFF0

 2C3E00

 768736

 122800

 91A14E

 001400

 ACBC68

 000000

 C8D882

 E5F49C

 FFFF80

 FFFFD4

 435500

■ 455508

■ 475511

■ 485519

■ 4A5522

■ 4C552A

■ 4E5533

■ 50553B

■ 515544

■ 53554C

Harmonies

Analogous

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



654B00



435500



095B22

Triad

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



435500



005C88



892A56

Complementary

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



435500



120055

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.



723778



435500



005595

Square

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



435500



005E6B



40488F



8C2D33

Rectangle

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



435500



005D3A



40488F



842D62

Sweetspot

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



435500



676E4D



551100



343824



B8B8B8



383838

Same Dimension

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



435500



566E00



195500



2A2B27



546B00



B9EB00

Inverse Universe

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



120055



17006E



3C0055



28272B



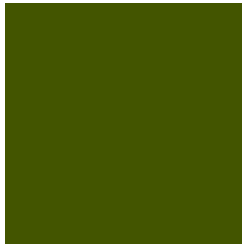
17006B



3200EB

Previews

White Background



This preview shows how the Hex color 435500 looks on a white background.

Color Contrast Check

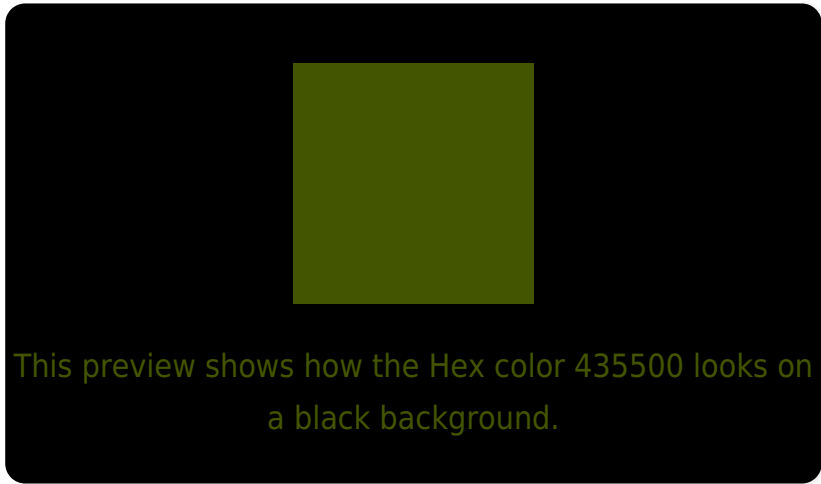
Large Text (above 18pt) WCAG AA ✓ Pass

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

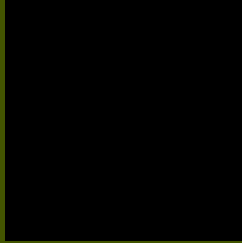
Any Text WCAG AA × Fail

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 435500 Background



This preview shows how black text looks on a background with the Hex color 435500.



This preview shows how white text looks on a background with the Hex color 435500.

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
435500

Protanopia
594F00

Deuteranopia
634A0F



Tritanopia
4A4F55

Trichromacy



Original Color
435500

Protanomaly
515100

Deuteranomaly
574E0A

Tritanomaly
475136

Monochromacy



Original Color
435500

Achromatopsia
464646

Achromatomaly
454B2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 435500 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 #435500 looks like.

```
.text, #text, p{  
    color:#435500  
}
```

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 #435500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #435500
}
```

Border

The CSS property to change the border of an element to Hex 435500 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".

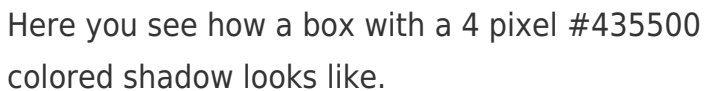
```
.border, #border, table{ border:4px solid
#435500 }
```

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

```
.border{ border-color:#435500 }
```

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

Here you see how a box with a 4 pixel #435500 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #435500; -webkit-box-shadow:4px 4px  
4px 4px #435500; box-shadow:4px 4px 4px  
4px #435500 }
```

Background

The CSS property to change the background color of an element to Hex 435500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#435500 }
```

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

```
.background{ background-color:#435500 }
```

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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