

Converting Colors

Hex(435113)

Have a look what the booklet for
Hex(435113) contains.

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Color

Hex(435113)

Conversions

Conversions Part 1

Format	Color
Hex	435113
RGB	67, 81, 19
RGB Percent	26%, 32%, 7%
CMY	0.7373, 0.6824, 0.9255
CMYK	0.17, 0.00, 0.77, 0.68
HSL	74°, 62%, 20%
HSV	74°, 77%, 32%
XYZ	5.3747, 7.1252, 1.7081
YIQ	69.7460, 11.5580, -22.2500

Conversions

Conversions Part 2

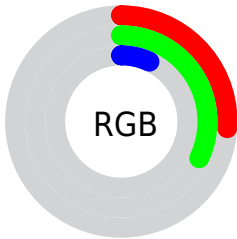
Format	Color
R _Y B	19, 81, 33
Decimal	4411667
CIE Lab	32.09, -15.37, 32.85
CIE LCh	32, 36.266, 115.076
Yxy	7.1252, 0.3783, 0.5015
Android (android.graphics.Color)	4282601747 (0xFF435113)
YUV	69.7460, -25.0178, -2.4082
Hunter-Lab	26.6930, -10.7713, 14.8911

Details

The Hex color **435113** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **211351**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **758242**, and **152400** is the 20% darker color. If you saturate the color by 10%, you get **41510B**, and if you desaturate by 10%, it is **45511B**.

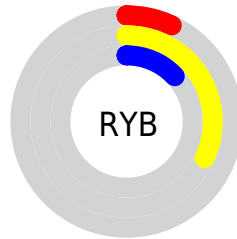
Distribution



Red (26%)

Green (32%)

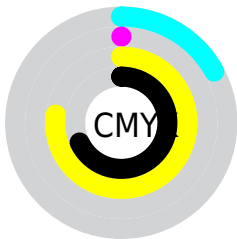
Blue (7%)



Red (7%)

Yellow (32%)

Blue (13%)

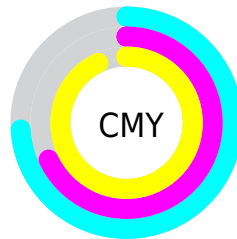


Cyan (17%)

Magenta (0%)

Yellow (77%)

Black (68%)



Cyan (74%)

Magenta (68%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 435113 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 435113 by changing the saturation by 10% instead.



435113



435113

FFFFFFD



2C3A00



758242



152400



8F9C5B



000E00



AAB774



000000



C6D38E



E2EFA8



FFFFC4



FFFFE0



435113



435113

■ 41510B

■ 45511B

■ 3F5103

■ 475123

■ 3F5100

■ 48512B

■ 4A5133

■ 4C513C

■ 4E5144

■ 50514C

■ 525154

■ 53515C

Harmonies

Analogous

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



5E480D



435113



1D5629

Triad

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



435113



00567A



7C3151

Complementary

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



435113



211351

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.



6A3A6C



435113



005084

Square

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



435113



005963



44467F



7F3335

Rectangle

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



435113



00583C



44467F



78335B

Sweetspot

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



435113



636951



512013



323627



B5B5B5



363636

Same Dimension

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



435113



536908



255113



282925



516900



B4E800

Inverse Universe

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



211351



1E0869



3F1351



262529



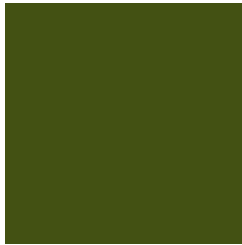
180069



3400E8

Previews

White Background



This preview shows how the Hex color 435113 looks on a white background.

Color Contrast Check

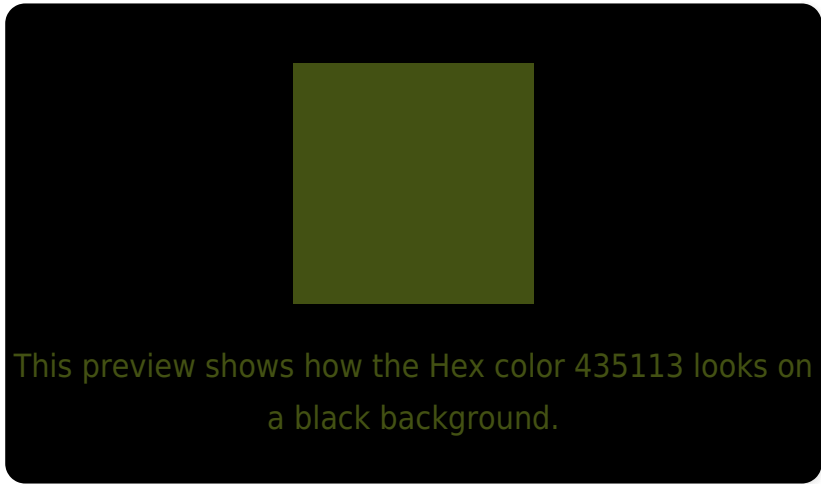
Large Text (above 18pt) WCAG AA ✓ Pass

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

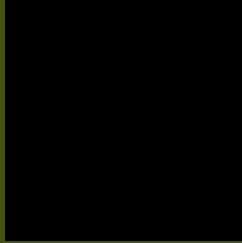
Any Text WCAG AA × Fail

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 435113 Background



This preview shows how black text looks on a background with the Hex color 435113.



This preview shows how white text looks on a background with the Hex color 435113.

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
435113

Protanopia
554C12

Deuteranopia
5F4817



Tritanopia
494B51

Trichromacy



Original Color
435113

Protanomaly
4E4E12

Deuteranomaly
554B16

Tritanomaly
474D3A

Monochromacy



Original Color
435113

Achromatopsia
464646

Achromatomaly
454A33

CSS Examples

Text

The CSS property to change the color of the text to Hex 435113 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 #435113 looks like.

```
.text, #text, p{  
    color:#435113  
}
```

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 #435113 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #435113
}
```

Border

The CSS property to change the border of an element to Hex 435113 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
#435113 }
```

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

```
.border{ border-color:#435113 }
```

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

Here you see how a box with a 4 pixel #435113 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #435113; -webkit-box-shadow:4px 4px  
4px 4px #435113; box-shadow:4px 4px 4px  
4px #435113 }
```

Background

The CSS property to change the background color of an element to Hex 435113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#435113 }
```

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

```
.background{ background-color:#435113 }
```

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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