

Converting Colors

Hex(435BC6)

Have a look what the booklet for
Hex(435BC6) contains.

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Color

Hex(435BC6)

Conversions

Conversions Part 1

Format	Color
Hex	435BC6
RGB	67, 91, 198
RGB Percent	26%, 36%, 78%
CMY	0.7373, 0.6431, 0.2235
CMYK	0.66, 0.54, 0.00, 0.22
HSL	229°, 53%, 52%
HSV	229°, 66%, 78%
XYZ	16.2489, 12.7527, 55.0312
YIQ	96.0220, -48.6510, 28.1890

Conversions

Conversions Part 2

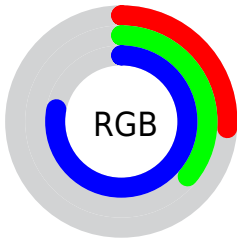
Format	Color
RYB	67, 87, 198
Decimal	4414406
CIELab	42.39, 25.83, -58.64
CIElCh	42, 64.078, 293.770
Yxy	12.7527, 0.1934, 0.1518
Android (android.graphics.Color)	4282604486 (0xFF435BC6)
YUV	96.0220, 50.2752, -25.4523
Hunter-Lab	35.7109, 18.7255, -66.3694

Details

The Hex color **435BC6** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **C6AE43**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **808DFF**, and **002E8F** is the 20% darker color. If you saturate the color by 10%, you get **2F4BC6**, and if you desaturate by 10%, it is **576BC6**.

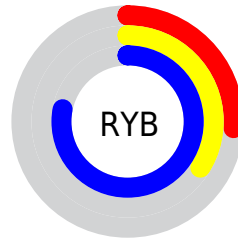
Distribution



Red (26%)

Green (36%)

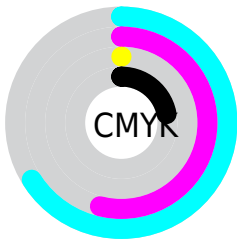
Blue (78%)



Red (26%)

Yellow (34%)

Blue (78%)

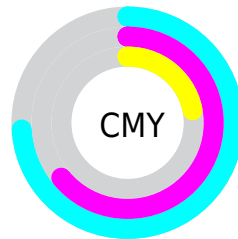


Cyan (66%)

Magenta (54%)

Yellow (0%)

Black (22%)



Cyan (74%)

Magenta (64%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 435BC6 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 435BC6 by changing the saturation by 10% instead.

■ 435BC6

■ 435BC6

FFFFFF

■ 1B44AA

■ 808DFF

■ 002E8F

■ 9EA7FF

■ 001A75

■ BBC2FF

■ 00025C

■ D9DEFF

■ 000743

■ F7FBFF

■ 00032C

■ 000116

■ 000000

■ 435BC6

■ 435BC6

■ 2F4BC6

■ 576BC6

■ 1B3BC6

■ 6B7BC6

■ 082AC6

■ 7E8CC6

■ 0024C6

■ 929CC6

■ A6ACC6

■ BABCC6

■ CECCC6

■ E1DCC6

■ F5EDC6

Harmonies

Analogous

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



006ECE



435BC6



973EA3

Triad

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



435BC6



A84604



007A57

Complementary

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



435BC6



C6AE43

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.



00761E



435BC6



835E00

Square

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



435BC6



BD283D



516E00



007B8D

Rectangle

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



435BC6



B22983



516E00



007944

Sweetspot

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



435BC6



CCD5FF



43C6AE



616780



000000



808080

Same Dimension

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



435BC6



365AFF



6C43C6



5A5B63



001EA3



000724

Inverse Universe

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



C6435B



FF365A



9DC643



635A5B



A3001E



240007

Previews

White Background



This preview shows how the Hex color 435BC6 looks on a white background.

Color Contrast Check

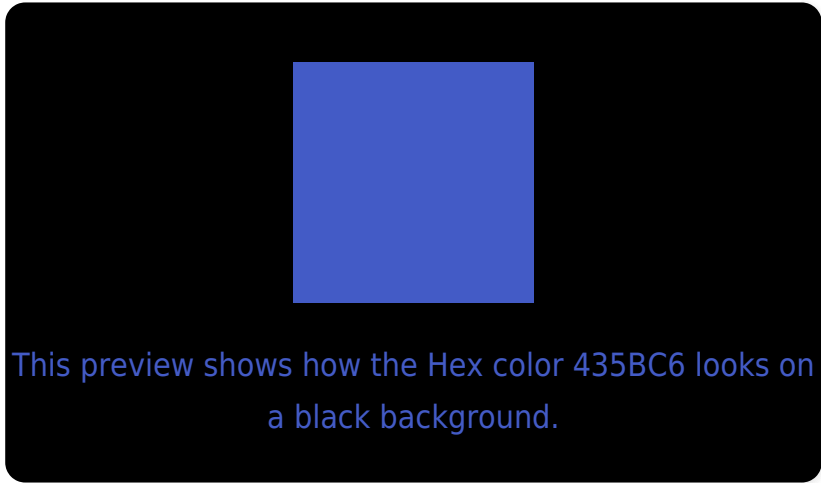
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

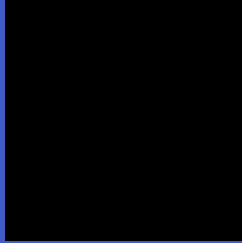
Any Text WCAG AA × Fail

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 435BC6 Background



This preview shows how black text looks on a background with the Hex color 435BC6.



This preview shows how white text looks on a background with the Hex color 435BC6.

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](#).

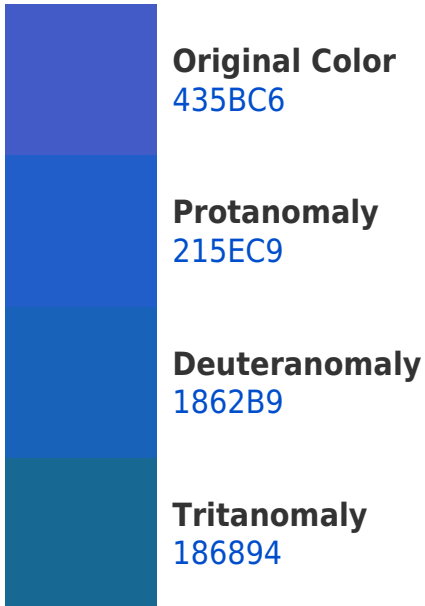
Dichromacy





Tritanopia
006F77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 435BC6 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 #435BC6 looks like.

```
.text, #text, p{  
    color:#435BC6  
}
```

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 #435BC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #435BC6
}
```

Border

The CSS property to change the border of an element to Hex 435BC6 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
#435BC6 }
```

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

```
.border{ border-color:#435BC6 }
```

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

Here you see how a box with a 4 pixel #435BC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #435BC6; -webkit-box-shadow:4px 4px  
4px 4px #435BC6; box-shadow:4px 4px 4px  
4px #435BC6 }
```

Background

The CSS property to change the background color of an element to Hex 435BC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#435BC6 }
```

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

```
.background{ background-color:#435BC6 }
```

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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