

# Converting Colors

Hex(4135BC)

Have a look what the booklet for  
Hex(4135BC) contains.

<b>Hex(4135BC)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	28

# Color

**Hex(4135BC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4135BC
RGB	65, 53, 188
RGB Percent	25%, 21%, 74%
CMY	0.7451, 0.7922, 0.2627
CMYK	0.65, 0.72, 0.00, 0.26
HSL	245°, 56%, 47%
HSV	245°, 72%, 74%
XYZ	12.5302, 7.3009, 48.3257
YIQ	71.9780, -36.1830, 44.5290

# Conversions

## Conversions Part 2

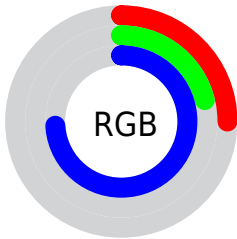
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	65, 53, 188
Decimal	4273596
CIE Lab	32.48, 45.50, -68.97
CIE LCh	32, 82.624, 303.413
Yxy	7.3009, 0.1838, 0.1071
Android (android.graphics.Color)	4282463676 (0xFF4135BC)
YUV	71.9780, 57.1988, -6.1197
Hunter-Lab	27.0201, 35.4915, -87.1267

# Details

The Hex color **4135BC** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **B0BC35**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **7F66F5**, and **000685** is the 20% darker color. If you saturate the color by 10%, you get **3022BC**, and if you desaturate by 10%, it is **5248BC**.

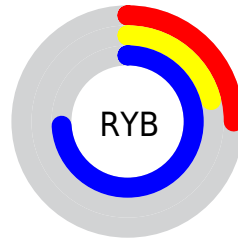
# Distribution



Red (25%)

Green (21%)

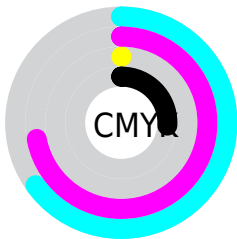
Blue (74%)



Red (25%)

Yellow (21%)

Blue (74%)

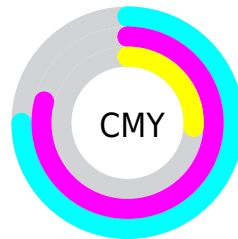


Cyan (65%)

Magenta (72%)

Yellow (0%)

Black (26%)



Cyan (75%)

Magenta (79%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4135BC 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 4135BC by changing the saturation by 10% instead.



■ 4135BC

■ 4135BC

FFFFFF

■ 171EA0

■ 7F66F5

■ 000685

■ 9D7FFF

■ 00006B

■ BB99FF

■ 000152

■ D9B5FF

■ 00053A

■ F7D0FF

■ 000223

■ FFEDFF

■ 00000A

■ 000000

■ 4135BC

■ 4135BC

■ 3022BC

■ 5248BC

■ 1F0FBC

■ 635BBC

■ 1100BC

■ 746DBC

■ 8680BC

■ 9793BC

■ A8A6BC

■ B9B9BC

■ CACBBC

■ DBDEBC

# Harmonies

## Analogous

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



0055D3



4135BC



9B0088

# Triad

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



4135BC



8A2E00



006353

# Complementary

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



4135BC



B0BC35

# 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.



006102



4135BC



584D00

# Square

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



4135BC



AC0006



005B00



006594

# Rectangle

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



4135BC



B1005E



005B00



00633C



# Sweetspot

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



4135BC



C4BFF5



35B1BC



5D5B7A



FAFAFA



7A7A7A



# Same Dimension

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



4135BC



3522F5



8435BC



56555E



0E009E



03001F



# Inverse Universe

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



BC35B0



F522E2



6DBC35



5E555E



9E0090

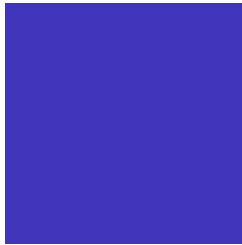


1F001C



# Previews

## White Background



This preview shows how the Hex color 4135BC looks on a white background.

## Color Contrast Check

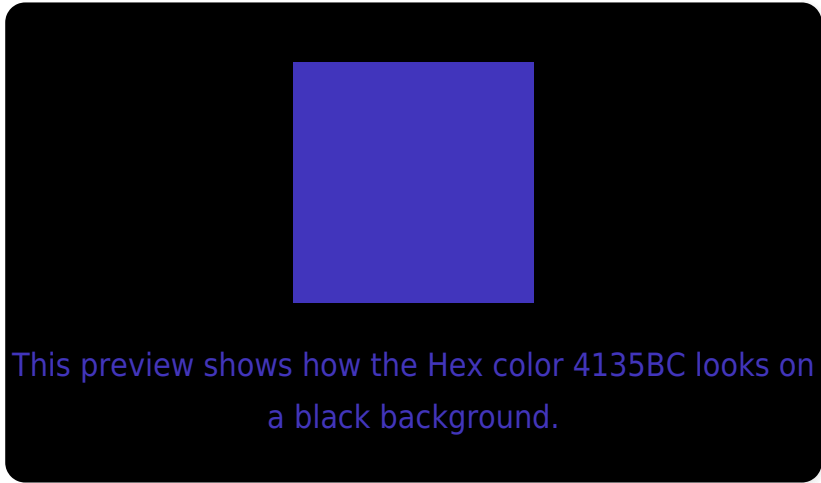
Large Text (above 18pt) WCAG AA ✓ Pass

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

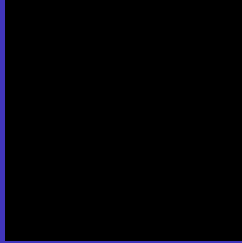
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4135BC Background



This preview shows how black text looks on a background with the Hex color 4135BC.



This preview shows how white text looks on a background with the Hex color 4135BC.

# 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



# Trichromacy



**Original Color**  
4135BC

**Deuteranomaly**  
184599

**Tritanomaly**  
18497E

# Monochromacy



**Original Color**  
4135BC

**Achromatopsia**  
484848

**Achromatomaly**  
454172

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4135BC 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 #4135BC looks like.

```
.text, #text, p{  
    color:#4135BC  
}
```

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 #4135BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4135BC
}
```

## Border

The CSS property to change the border of an element to Hex 4135BC is called "border". The border property can be set on classes, ids or directly on the HTML element.

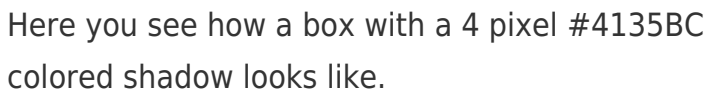
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4135BC }
```

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

```
.border{ border-color:#4135BC }
```

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



Here you see how a box with a 4 pixel #4135BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4135BC; -webkit-box-shadow:4px 4px  
4px 4px #4135BC; box-shadow:4px 4px 4px  
4px #4135BC }
```

# Background

The CSS property to change the background color of an element to Hex 4135BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4135BC }
```

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

```
.background{ background-color:#4135BC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**



**Follow me  
on Twitter!**

@ConvertingColor