

# Converting Colors

Hex(5330EE)

Have a look what the booklet for  
Hex(5330EE) contains.

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**Color**

**Hex(5330EE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5330EE
RGB	83, 48, 238
RGB Percent	33%, 19%, 93%
CMY	0.6745, 0.8118, 0.0667
CMYK	0.65, 0.80, 0.00, 0.07
HSL	251°, 85%, 56%
HSV	251°, 80%, 93%
XYZ	20.0568, 10.1260, 81.7863
YIQ	80.1250, -40.1300, 66.5100

# Conversions

## Conversions Part 2

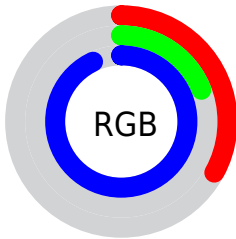
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	83, 48, 238
Decimal	5452014
CIE Lab	38.07, 64.63, -88.58
CIE LCh	38, 109.653, 306.113
Yxy	10.1260, 0.1791, 0.0904
Android (android.graphics.Color)	4283642094 (0xFF5330EE)
YUV	80.1250, 77.8324, 2.5214
Hunter-Lab	31.8213, 56.8206, -130.1108

# Details

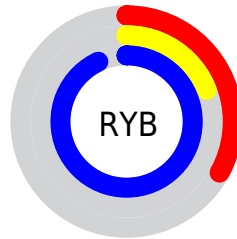
The Hex color **5330EE** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **CBEE30**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **9664FF**, and **0000B4** is the 20% darker color. If you saturate the color by 10%, you get **4018EE**, and if you desaturate by 10%, it is **6648EE**.

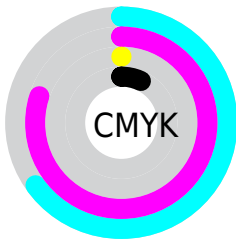
# Distribution



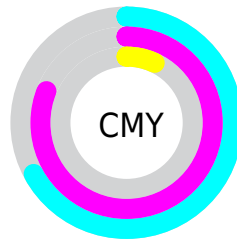
- Red (33%)
- Green (19%)
- Blue (93%)



- Red (33%)
- Yellow (19%)
- Blue (93%)



- Cyan (65%)
- Magenta (80%)
- Yellow (0%)
- Black (7%)



- Cyan (67%)
- Magenta (81%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5330EE 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 5330EE by changing the saturation by 10% instead.



 5330EE

 5330EE

FFFFFF

 2613D1

 9664FF

 0000B4

 B67FFF

 000099

 D69AFF

 00007E

 F5B6FF

 000663

 FFD2FF

 00094A

 FFEFFF

 000433

 00021D

 000000

■ 5330EE

■ 5330EE

■ 4018EE

■ 6648EE

■ 2C00EE

■ 7A60EE

■ 8D77EE

■ A18FEE

■ B4A7EE

■ C7BFEE

■ DBD7EE

■ EEEEEEE

■ FFFFEE

# Harmonies

## Analogous

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



0064FF



5330EE



C800A4

# Triad

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



5330EE



A43300



00766B

# Complementary

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



5330EE



CBEE30

# 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.



007400



5330EE



5E5D00

# Square

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



5330EE



D50000



006E00



0079C3

# Rectangle

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



5330EE



E3006A



006E00



00764B



# Sweetspot

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



5330EE



CDC2FF



30CBEE



615B80



000000



808080



# Same Dimension

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



5330EE



370AFF



B230EE



6E6C78



2200B8



0A0038



# Inverse Universe

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



EE30CB



FF0AD2



6CEE30



786C76



B80096



38002E



# Previews

## White Background



This preview shows how the Hex color 5330EE looks on a white background.

## Color Contrast Check

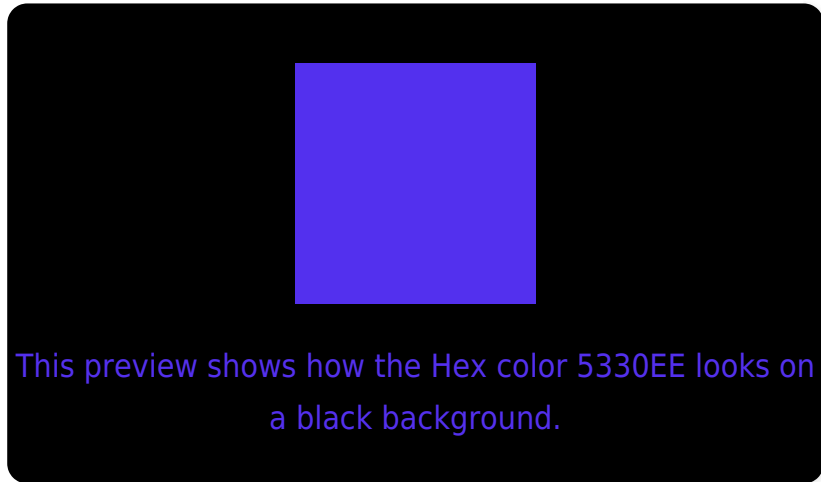
Large Text (above 18pt) WCAG AA ✓ Pass

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

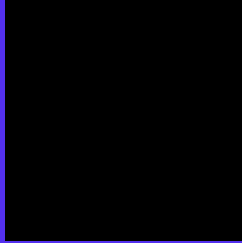
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5330EE Background



This preview shows how black text looks on a background with the Hex color 5330EE.



This preview shows how white text looks on a background with the Hex color 5330EE.

# 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](#).

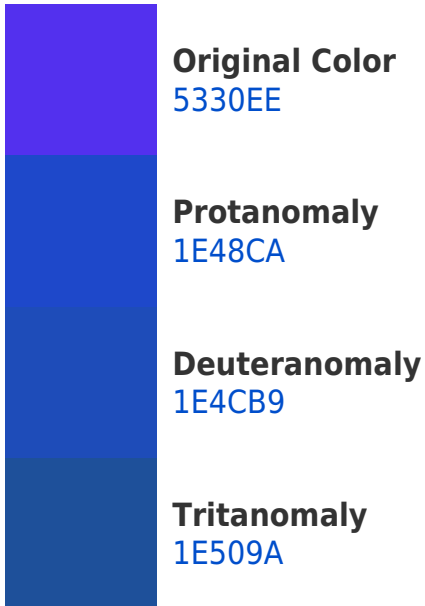
## Dichromacy



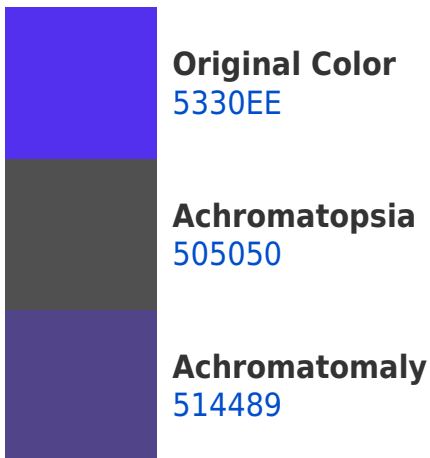


**Tritanopia**  
00636A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5330EE 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 #5330EE looks like.

```
.text, #text, p{  
    color:#5330EE  
}
```

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 #5330EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5330EE
}
```

## Border

The CSS property to change the border of an element to Hex 5330EE is called "border". The border property can be set on classes, ids or directly on the HTML element.

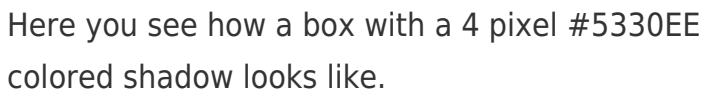
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5330EE }
```

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

```
.border{ border-color:#5330EE }
```

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



Here you see how a box with a 4 pixel #5330EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5330EE; -webkit-box-shadow:4px 4px  
4px 4px #5330EE; box-shadow:4px 4px 4px  
4px #5330EE }
```

# Background

The CSS property to change the background color of an element to Hex 5330EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5330EE }
```

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

```
.background{ background-color:#5330EE }
```

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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