

# Converting Colors

Hex(5549DC)

Have a look what the booklet for  
Hex(5549DC) contains.

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# Color

Hex(5549DC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5549DC
RGB	85, 73, 220
RGB Percent	33%, 29%, 86%
CMY	0.6667, 0.7137, 0.1373
CMYK	0.61, 0.67, 0.00, 0.14
HSL	245°, 68%, 57%
HSV	245°, 67%, 86%
XYZ	19.0471, 11.8637, 68.9962
YIQ	93.3460, -40.0350, 48.2610

# Conversions

## Conversions Part 2

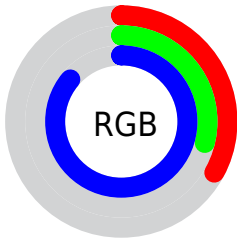
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 73, 220
Decimal	5589468
CIE <sub>Lab</sub>	41.00, 46.91, -73.51
CIE <sub>LCh</sub>	41, 87.204, 302.544
Yxy	11.8637, 0.1906, 0.1187
Android (android.graphics.Color)	4283779548 (0xFF5549DC)
YUV	93.3460, 62.4404, -7.3194
Hunter-Lab	34.4437, 38.4327, -94.6566

# Details

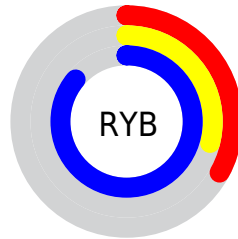
The Hex color **5549DC** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **D0DC49**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **947BFF**, and **001BA4** is the 20% darker color. If you saturate the color by 10%, you get **4133DC**, and if you desaturate by 10%, it is **695FDC**.

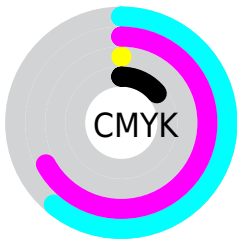
# Distribution



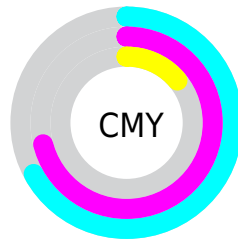
- Red (33%)
- Green (29%)
- Blue (86%)



- Red (33%)
- Yellow (29%)
- Blue (86%)



- Cyan (61%)
- Magenta (67%)
- Yellow (0%)
- Black (14%)



- Cyan (67%)
- Magenta (71%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5549DC 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 5549DC by changing the saturation by 10% instead.



 5549DC

 5549DC

FFFFFF

 3031BF

 947BFF

 001BA4

 B295FF

 000489

 D0B0FF

 00006E

 EFCCFF

 000555

 FFE8FF

 00063C

 000226

 00010F

 000000

■ 5549DC

■ 5549DC

■ 4133DC

■ 695FDC

■ 2D1DDC

■ 7D75DC

■ 1807DC

■ 928BDC

■ 1200DC

■ A6A1DC

■ BAB7DC

■ CECDDC

■ E2E3DC

■ F7F9DC

■ FFFFDC

# Harmonies

## Analogous

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



006AF3



5549DC



B600A4

# Triad

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



5549DC



A83F00



007B65

# Complementary

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



5549DC



D0DC49

# 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.



007812



5549DC



716100

# Square

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



5549DC



CD0018



1B7100



007CAD

# Rectangle

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



5549DC



D00076



1B7100



007B4C



# Sweetspot

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



5549DC



D0CCFF



49D2DC



636180



000000



808080



# Same Dimension

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



5549DC



4433FF



9C49DC



64636E



0E00AD



04002E



# Inverse Universe

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



DC49D0



FF33EE



89DC49



6E636D



AD009F

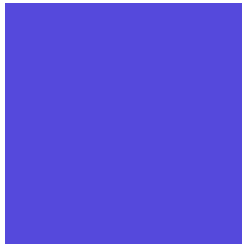


2E002A



# Previews

## White Background



This preview shows how the Hex color 5549DC 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 5549DC Background



This preview shows how black text looks on a background with the Hex color 5549DC.

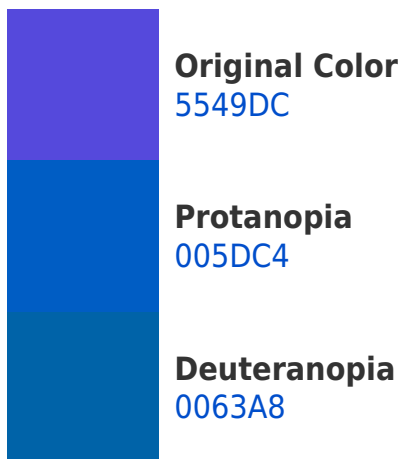


This preview shows how white text looks on a background with the Hex color 5549DC.

# 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](#).

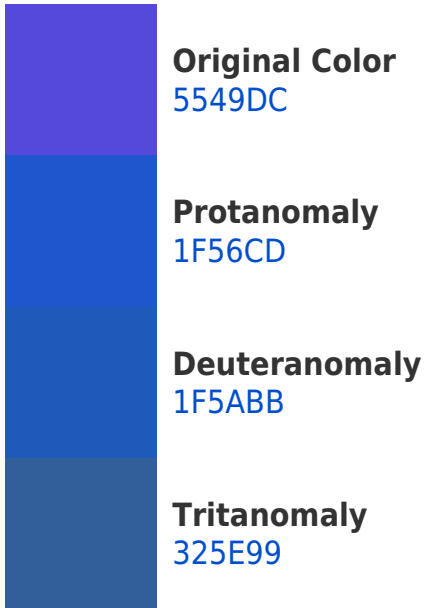
## Dichromacy



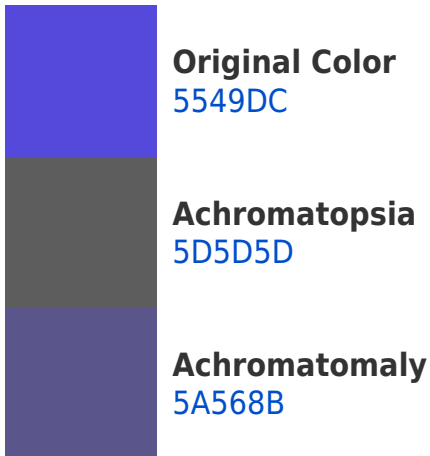


**Tritanopia**  
1E6A73

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5549DC 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 #5549DC looks like.

```
.text, #text, p{  
    color:#5549DC  
}
```

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 #5549DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5549DC }  
}
```

## Border

The CSS property to change the border of an element to Hex 5549DC 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 #5549DC }  
}
```

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

```
.border{ border-color:#5549DC }
```

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

Here you see how a box with a 4 pixel #5549DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5549DC; -webkit-box-shadow:4px 4px  
4px 4px #5549DC; box-shadow:4px 4px 4px  
4px #5549DC }
```

# Background

The CSS property to change the background color of an element to Hex 5549DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5549DC }
```

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

```
.background{ background-color:#5549DC }
```

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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