

Converting Colors

Hex(5549C5)

Have a look what the booklet for
Hex(5549C5) contains.

Hex(5549C5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5549C5)

Conversions

Conversions Part 1

Format	Color
Hex	5549C5
RGB	85, 73, 197
RGB Percent	33%, 29%, 77%
CMY	0.6667, 0.7137, 0.2275
CMYK	0.57, 0.63, 0.00, 0.23
HSL	246°, 52%, 53%
HSV	246°, 63%, 77%
XYZ	16.2069, 10.7276, 54.0398
YIQ	90.7240, -32.6520, 41.1080

Conversions

Conversions Part 2

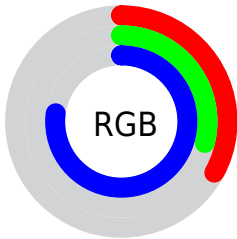
Format	Color
RYB	85, 73, 197
Decimal	5589445
CIELab	39.12, 39.69, -63.32
CIElCh	39, 74.727, 302.078
Yxy	10.7276, 0.2001, 0.1325
Android (android.graphics.Color)	4283779525 (0xFF5549C5)
YUV	90.7240, 52.3941, -5.0199
Hunter-Lab	32.7530, 31.0079, -74.8965

Details

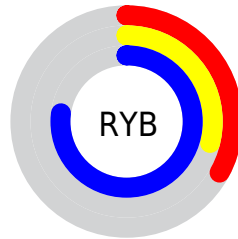
The Hex color **5549C5** is a dark color, and the websafe version is hex **333399**. The color can be described as dark muted blue. A complement of this color would be **B9C549**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **907AFF**, and **011C8E** is the 20% darker color. If you saturate the color by 10%, you get **4335C5**, and if you desaturate by 10%, it is **675DC5**.

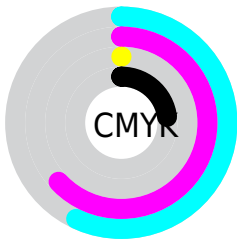
Distribution



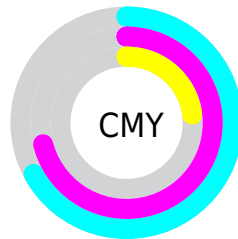
- Red (33%)
- Green (29%)
- Blue (77%)



- Red (33%)
- Yellow (29%)
- Blue (77%)



- Cyan (57%)
- Magenta (63%)
- Yellow (0%)
- Black (23%)



- Cyan (67%)
- Magenta (71%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5549C5 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 5549C5 by changing the saturation by 10% instead.

■ 5549C5

■ 5549C5

FFFFFF

■ 3532A9

■ 907AFF

■ 011C8E

■ AD94FF

■ 000774

■ CBAFFF

■ 00005A

■ E9CBFF

■ 000742

■ FFE7FF

■ 00032B

■ 000115

■ 000000

■ 5549C5

■ 5549C5

4335C5

675DC5

3122C5

7970C5

200EC5

8A84C5

1300C5

9C98C5

AEACC5

C0BFC5

D2D3C5

E3E7C5

F5FAC5

Harmonies

Analogous

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



0064D8



5549C5



A51596

Triad

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



5549C5



9C4100



00745F

Complementary

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



5549C5



B9C549

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.



00711C



5549C5



6D5B00

Square

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



5549C5



BB051F



2B6A00



00749C

Rectangle

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



5549C5



BC006F



2B6A00



007349

Sweetspot

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



5549C5



D3CFFF



49BBC5



656280



000000



808080

Same Dimension

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



5549C5



503DFF



9149C5



5A5A63



1000A3



030024

Inverse Universe

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



C549B9



FF3DEC



7DC549



635A62



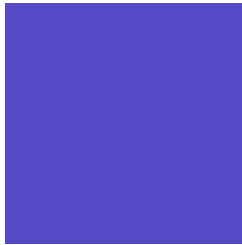
A30093



240020

Previews

White Background



This preview shows how the Hex color 5549C5 looks on a white background.

Color Contrast Check

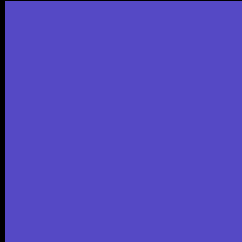
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 5549C5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

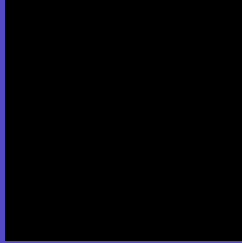
Any Text WCAG AA × Fail

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 5549C5 Background



This preview shows how black text looks on a background with the Hex color 5549C5.

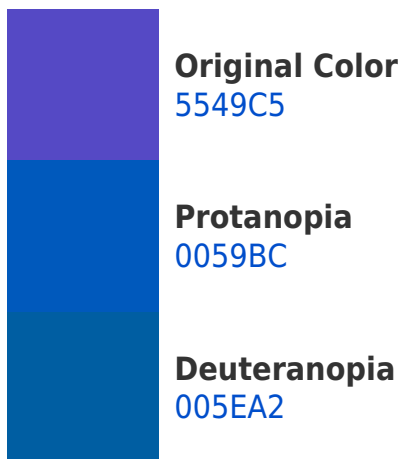


This preview shows how white text looks on a background with the Hex color 5549C5.

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](#).

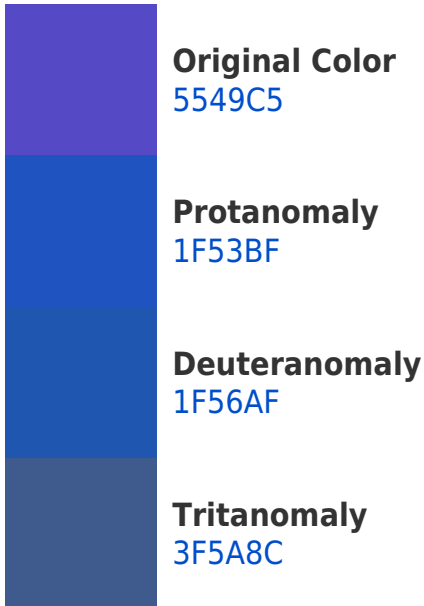
Dichromacy



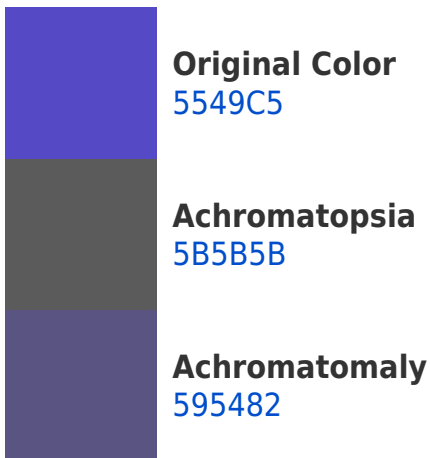


Tritanopia
32636B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5549C5 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 #5549C5 looks like.

```
.text, #text, p{  
  color:#5549C5  
}
```

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 #5549C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5549C5
}
```

Border

The CSS property to change the border of an element to Hex 5549C5 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
#5549C5 }
```

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

```
.border{ border-color:#5549C5 }
```

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

Here you see how a box with a 4 pixel #5549C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5549C5; -webkit-box-shadow:4px 4px  
4px 4px #5549C5; box-shadow:4px 4px 4px  
4px #5549C5 }
```

Background

The CSS property to change the background color of an element to Hex 5549C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5549C5 }
```

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

```
.background{ background-color:#5549C5 }
```

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