

Converting Colors

Hex(5541E0)

Have a look what the booklet for
Hex(5541E0) contains.

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Color

Hex(5541E0)

Conversions

Conversions Part 1

Format	Color
Hex	5541E0
RGB	85, 65, 224
RGB Percent	33%, 25%, 88%
CMY	0.6667, 0.7451, 0.1216
CMYK	0.62, 0.71, 0.00, 0.12
HSL	248°, 72%, 57%
HSV	248°, 71%, 88%
XYZ	19.0912, 11.0937, 71.6561
YIQ	89.1060, -39.1190, 53.6890

Conversions

Conversions Part 2

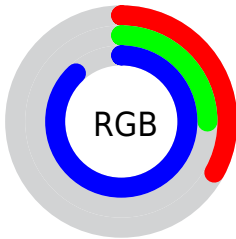
Format	Color
RYB	85, 65, 224
Decimal	5587424
CIELab	39.74, 52.57, -77.86
CIELCh	40, 93.950, 304.026
Yxy	11.0937, 0.1875, 0.1089
Android (android.graphics.Color)	4283777504 (0xFF5541E0)
YUV	89.1060, 66.5027, -3.6010
Hunter-Lab	33.3072, 44.0257, -104.2396

Details

The Hex color **5541E0** 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 **CCE041**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **9573FF**, and **0010A7** is the 20% darker color. If you saturate the color by 10%, you get **412BE0**, and if you desaturate by 10%, it is **6957E0**.

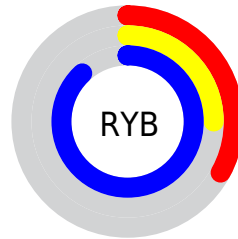
Distribution



Red (33%)

Green (25%)

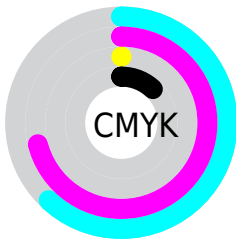
Blue (88%)



Red (33%)

Yellow (25%)

Blue (88%)

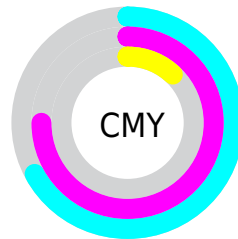


Cyan (62%)

Magenta (71%)

Yellow (0%)

Black (12%)



Cyan (67%)



















Magenta (75%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5541E0 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 5541E0 by changing the saturation by 10% instead.

 5541E0	 5541E0
 FFFFFFFF	 2F29C3
 9573FF	 0010A7
 B38DFF	 00008C
 D2A8FF	 000072
 F1C4FF	 000658
 FFE0FF	 00073F
 FFFDFF	 000329
	 000112
	 000000

■ 5541E0

■ 5541E0

■ 412BE0

■ 6957E0

■ 2E14E0

■ 7C6EE0

■ 1C00E0

■ 9084E0

■ A39BE0

■ B7B1E0

■ CAC7E0

■ DEDEE0

■ F2F4E0

■ FFFFE0

Harmonies

Analogous

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



0067FB



5541E0



BB00A3

Triad

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



5541E0



A53B00



007967

Complementary

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



5541E0



CCE041

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.



007609



5541E0



6A5F00

Square

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



5541E0



CE0009



006F00



007AB3

Rectangle

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



5541E0



D50071



006F00



00784B

Sweetspot

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



5541E0



D0C9FF



41CDE0



646080



000000



808080

Same Dimension

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



5541E0



4226FF



A341E0



666570



1600B0



060030

Inverse Universe

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



E041CC



FF26E4



7EE041



70656F



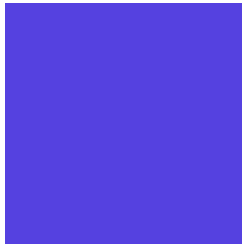
B0009A



30002A

Previews

White Background



This preview shows how the Hex color 5541E0 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 5541E0 Background



This preview shows how black text looks on a background with the Hex color 5541E0.

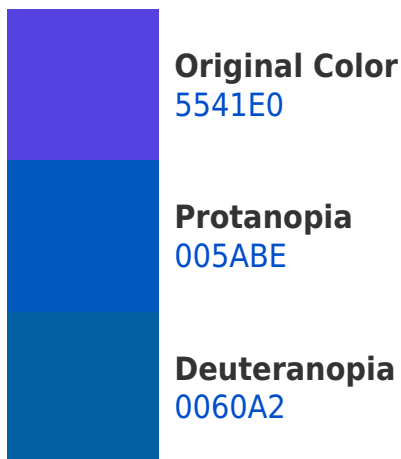



This preview shows how white text looks on a background with the Hex color 5541E0.

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](#).

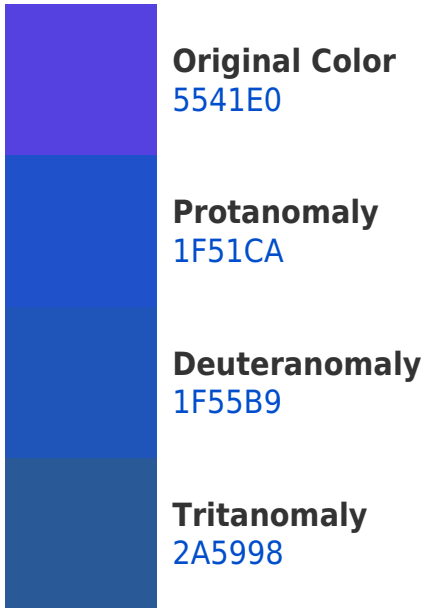
Dichromacy



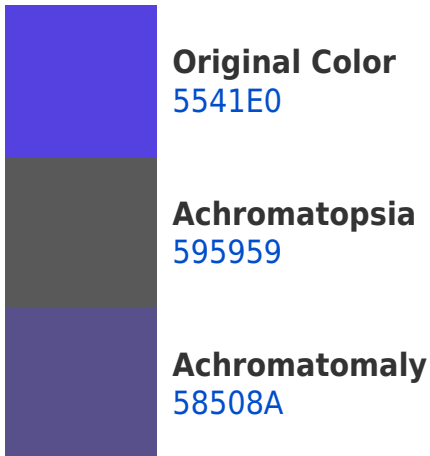


Tritanopia
12676F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5541E0 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 #5541E0 looks like.

```
.text, #text, p{  
    color:#5541E0  
}
```

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 #5541E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5541E0
}
```

Border

The CSS property to change the border of an element to Hex 5541E0 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
#5541E0 }
```

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

```
.border{ border-color:#5541E0 }
```

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

Here you see how a box with a 4 pixel #5541E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5541E0; -webkit-box-shadow:4px 4px  
4px 4px #5541E0; box-shadow:4px 4px 4px  
4px #5541E0 }
```

Background

The CSS property to change the background color of an element to Hex 5541E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5541E0 }
```

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

```
.background{ background-color:#5541E0 }
```

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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