

Converting Colors

Hex(551DE2)

Have a look what the booklet for
Hex(551DE2) contains.

Hex(551DE2)	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(551DE2)

Conversions

Conversions Part 1

Format	Color
Hex	551DE2
RGB	85, 29, 226
RGB Percent	33%, 11%, 89%
CMY	0.6667, 0.8863, 0.1137
CMYK	0.62, 0.87, 0.00, 0.11
HSL	257°, 77%, 50%
HSV	257°, 87%, 89%
XYZ	17.9131, 8.3010, 72.6096
YIQ	68.2020, -29.8610, 73.1390

Conversions

Conversions Part 2

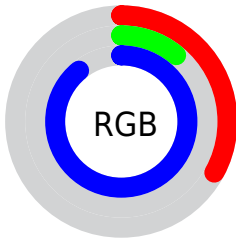
Format	Color
R_{YB}	85, 29, 226
Decimal	5578210
CIE _{Lab}	34.60, 68.56, -87.49
CIE _{LCh}	35, 111.149, 308.083
Yxy	8.3010, 0.1813, 0.0840
Android (android.graphics.Color)	4283768290 (0xFF551DE2)
YUV	68.2020, 77.7944, 14.7318
Hunter-Lab	28.8115, 60.5599, -129.2525

Details

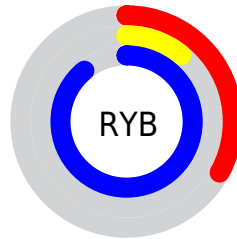
The Hex color **551DE2** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **AAE21D**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **9756FF**, and **0000A9** is the 20% darker color. If you saturate the color by 10%, you get **4506E2**, and if you desaturate by 10%, it is **6534E2**.

Distribution



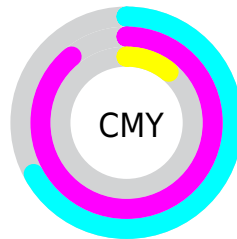
- Red (33%)
- Green (11%)
- Blue (89%)



- Red (33%)
- Yellow (11%)
- Blue (89%)



- Cyan (62%)
- Magenta (87%)
- Yellow (0%)
- Black (11%)






















- Cyan (67%)
- Magenta (89%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 551DE2 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 551DE2 by changing the saturation by 10% instead.

 551DE2	 551DE2
 FFFFFFFF	 2C00C5
 9756FF	 0000A9
 B671FF	 00008D
 D68CFF	 000073
 F5A8FF	 000B59
 FFC4FF	 000741
 FFE1FF	 00032A
 FFFEFF	 000114
	 000000

■ 551DE2

■ 551DE2

■ 4506E2

■ 6534E2

■ 4000E2

■ 754AE2

■ 8661E2

■ 9677E2

■ A68EE2

■ B6A5E2

■ C6BBE2

■ D6D2E2

■ E7E8E2

Harmonies

Analogous

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



005BFF



551DE2



C30096

Triad

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



551DE2



962E00



006D69

Complementary

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



551DE2



AAE21D

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.



006A00



551DE2



4E5700

Square

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



551DE2



C80000



006500



0070C0

Rectangle

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



551DE2



DA005C



006500



006C49

Sweetspot

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



551DE2



D0BDFF



1DAAE2



635880



000000



808080

Same Dimension

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



551DE2



4800FF



B71DE2



686570



3200B0



0E0030

Inverse Universe

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



E21DAA



FF00B7



48E21D



70656D



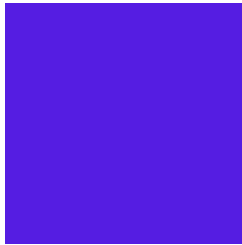
B0007E



300023

Previews

White Background



This preview shows how the Hex color 551DE2 looks on a white background.

Color Contrast Check

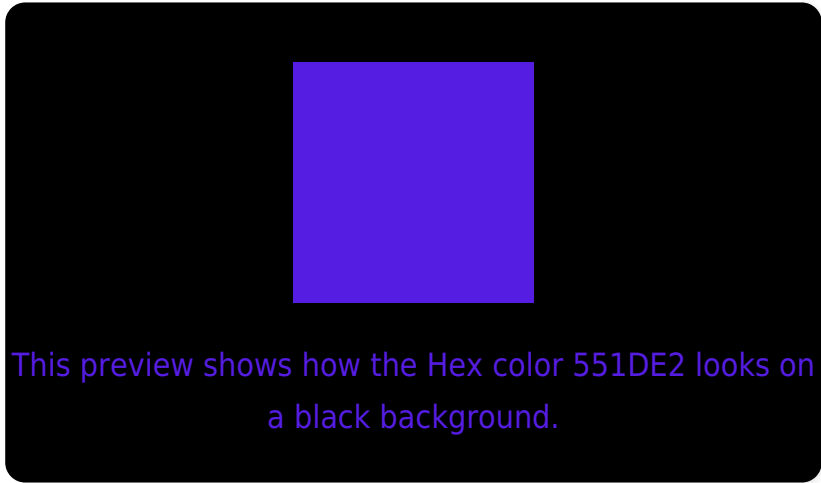
Large Text (above 18pt) WCAG AA ✓ Pass

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

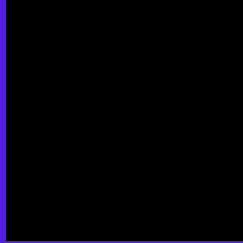
Any Text WCAG AA × Fail

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 551DE2 Background



This preview shows how black text looks on a background with the Hex color 551DE2.

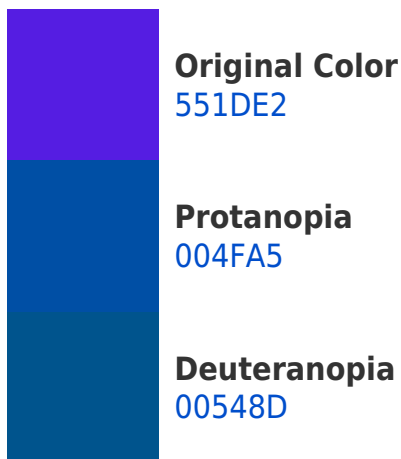



This preview shows how white text looks on a background with the Hex color 551DE2.

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
005A61

Trichromacy



Original Color
551DE2



Protanomaly
1F3DBB



Deuteranomaly
1F40AC



Tritanomaly
1F4490

Monochromacy



Original Color
551DE2



Achromatopsia
444444



Achromatomaly
4A367D

CSS Examples

Text

The CSS property to change the color of the text to Hex 551DE2 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 #551DE2 looks like.

```
.text, #text, p{  
    color:#551DE2  
}
```

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 #551DE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #551DE2
}
```

Border

The CSS property to change the border of an element to Hex 551DE2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

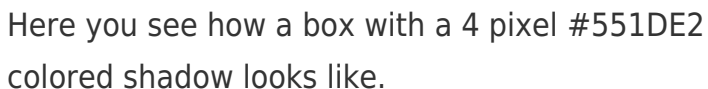
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#551DE2 }
```

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

```
.border{ border-color:#551DE2 }
```

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



Here you see how a box with a 4 pixel #551DE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #551DE2; -webkit-box-shadow:4px 4px  
4px 4px #551DE2; box-shadow:4px 4px 4px  
4px #551DE2 }
```

Background

The CSS property to change the background color of an element to Hex 551DE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#551DE2 }
```

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

```
.background{ background-color:#551DE2 }
```

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