

Converting Colors

Hex(553FE7)

Have a look what the booklet for
Hex(553FE7) contains.

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Color

Hex(553FE7)

Conversions

Conversions Part 1

Format	Color
Hex	553FE7
RGB	85, 63, 231
RGB Percent	33%, 25%, 91%
CMY	0.6667, 0.7529, 0.0941
CMYK	0.63, 0.73, 0.00, 0.09
HSL	248°, 78%, 58%
HSV	248°, 73%, 91%
XYZ	19.9476, 11.2558, 76.7225
YIQ	88.7300, -40.8160, 56.9120

Conversions

Conversions Part 2

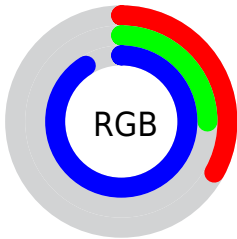
Format	Color
R_{YB}	85, 63, 231
Decimal	5586919
CIE _{Lab}	40.01, 55.72, -81.41
CIE _{LCh}	40, 98.650, 304.391
Yxy	11.2558, 0.1848, 0.1043
Android (android.graphics.Color)	4283776999 (0xFF553FE7)
YUV	88.7300, 70.1391, -3.2712
Hunter-Lab	33.5497, 47.4186, -112.1015

Details

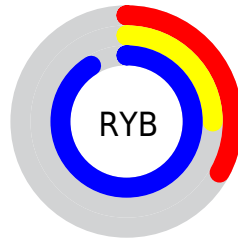
The Hex color **553FE7** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **D1E73F**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **9672FF**, and **000CAE** is the 20% darker color. If you saturate the color by 10%, you get **4128E7**, and if you desaturate by 10%, it is **6956E7**.

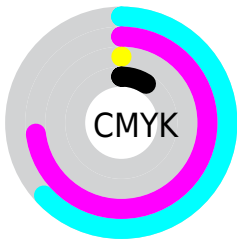
Distribution



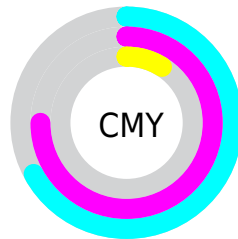
- Red (33%)
- Green (25%)
- Blue (91%)



- Red (33%)
- Yellow (25%)
- Blue (91%)



- Cyan (63%)
- Magenta (73%)
- Yellow (0%)
- Black (9%)



- Cyan (67%)
- Magenta (75%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 553FE7 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 553FE7 by changing the saturation by 10% instead.

■ 553FE7

■ 553FE7

FFFFFF

■ 2D26CA

■ 9672FF

■ 000CAE

■ B58CFF

■ 000092

■ D4A7FF

■ 000078

■ F3C3FF

■ 00055E

■ FFDFFF

■ 000845

■ FFFCFF

■ 00032E

■ 000118

■ 000000

■ 553FE7

■ 553FE7

■ 4128E7

■ 6956E7

■ 2D11E7

■ 7D6DE7

■ 1E00E7

■ 9184E7

■ A59BE7

■ B9B3E7

■ CDCAE7

■ E2E1E7

■ F6F8E7

■ FFFFE7

Harmonies

Analogous

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



0068FF



553FE7



C100A6

Triad

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



553FE7



A83A00



007A69

Complementary

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



553FE7



D1E73F

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.



007704



553FE7



696000

Square

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



553FE7



D30004



007100



007CB9

Rectangle

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



553FE7



DB0071



007100



007A4C

Sweetspot

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



553FE7



CEC7FF



3FD3E7



635E80



000000



808080

Same Dimension

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



553FE7



3E21FF



A73FE7



696773



1700B3



070033

Inverse Universe

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



E73FD1



FF21E2



7FE73F



736771



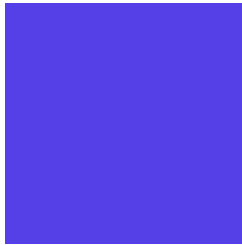
B3009B



33002C

Previews

White Background



This preview shows how the Hex color 553FE7 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

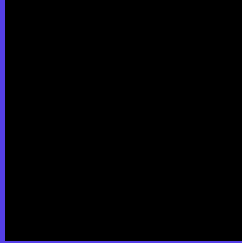
Any Text WCAG AA × Fail

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 553FE7 Background



This preview shows how black text looks on a background with the Hex color 553FE7.

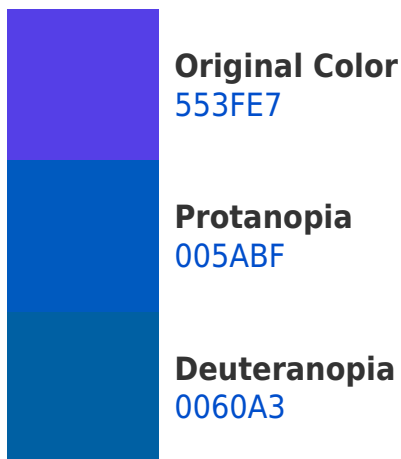


This preview shows how white text looks on a background with the Hex color 553FE7.

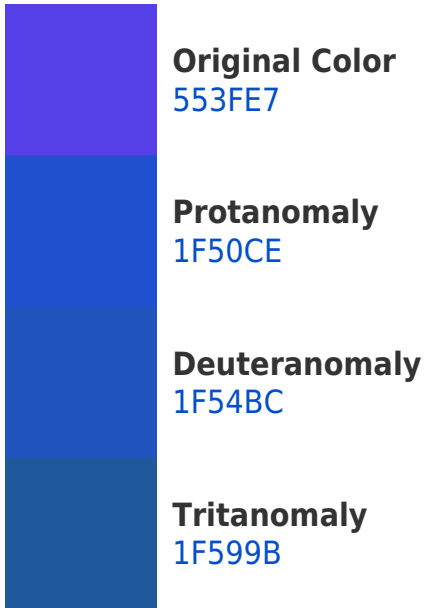
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 553FE7 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 #553FE7 looks like.

```
.text, #text, p{  
    color:#553FE7  
}
```

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 #553FE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #553FE7
}
```

Border

The CSS property to change the border of an element to Hex 553FE7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

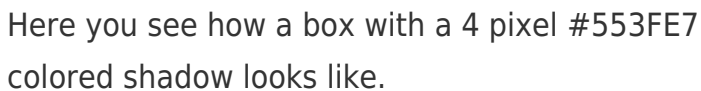
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#553FE7 }
```

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

```
.border{ border-color:#553FE7 }
```

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



Here you see how a box with a 4 pixel #553FE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #553FE7; -webkit-box-shadow:4px 4px  
4px 4px #553FE7; box-shadow:4px 4px 4px  
4px #553FE7 }
```

Background

The CSS property to change the background color of an element to Hex 553FE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#553FE7 }
```

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

```
.background{ background-color:#553FE7 }
```

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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