

# Converting Colors

Hex(5527F3)

Have a look what the booklet for  
Hex(5527F3) contains.

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# Color

**Hex(5527F3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5527F3
RGB	85, 39, 243
RGB Percent	33%, 15%, 95%
CMY	0.6667, 0.8471, 0.0471
CMYK	0.65, 0.84, 0.00, 0.05
HSL	254°, 89%, 55%
HSV	254°, 84%, 95%
XYZ	20.6495, 9.8534, 85.6076
YIQ	76.0100, -38.0680, 73.1960

# Conversions

## Conversions Part 2

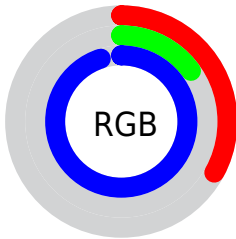
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 39, 243
Decimal	5580787
CIE <sub>Lab</sub>	37.58, 69.64, -92.22
CIE <sub>LCh</sub>	38, 115.558, 307.059
Y <sub>xy</sub>	9.8534, 0.1778, 0.0849
Android (android.graphics.Color)	4283770867 (0xFF5527F3)
YUV	76.0100, 82.3261, 7.8842
Hunter-Lab	31.3901, 62.4907, -139.7234

# Details

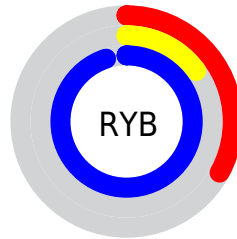
The Hex color **5527F3** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **C5F327**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **995EFF**, and **0000B9** is the 20% darker color. If you saturate the color by 10%, you get **420FF3**, and if you desaturate by 10%, it is **683FF3**.

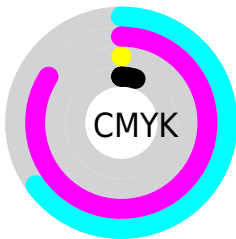
# Distribution



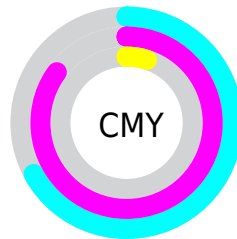
- Red (33%)
- Green (15%)
- Blue (95%)



- Red (33%)
- Yellow (15%)
- Blue (95%)



- Cyan (65%)
- Magenta (84%)
- Yellow (0%)
- Black (5%)



- Cyan (67%)
- Magenta (85%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5527F3 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 5527F3 by changing the saturation by 10% instead.



 5527F3

 5527F3

FFFFFF

 2801D6

 995EFF

 0000B9

 B979FF

 00009D

 D994FF

 000082

 F9B0FF

 000568

 FFCDFD

 000A4E

 FFEAFF

 000536

 000220

 000004

■ 5527F3

■ 5527F3

■ 420FF3

■ 683FF3

■ 3700F3

■ 7B58F3

■ 8D70F3

■ A088F3

■ B3A1F3

■ C6B9F3

■ D9D1F3

■ ECE9F3

■ FEFFF3

# Harmonies

## Analogous

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



0064FF



5527F3



CE00A4

# Triad

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



5527F3



A33000



00766E

# Complementary

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



5527F3



C5F327

# 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.



007300



5527F3



595D00

# Square

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



5527F3



D70000



006D00



0078CA

# Rectangle

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



5527F3



E80066



006D00



00754D



# Sweetspot

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



5527F3



CEBFFF



27C7F3



625980



000000



808080



# Same Dimension

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



5527F3



3A00FF



B927F3



716E7A



2A00BA



0D003B



# Inverse Universe

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



F327C5



FF00C6



61F327



7A6E78



BA0090

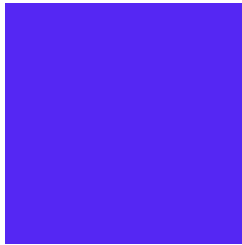


3B002D



# Previews

## White Background



This preview shows how the Hex color 5527F3 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

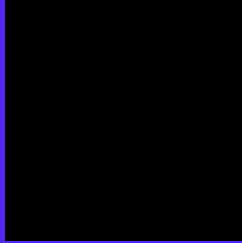
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5527F3 Background



This preview shows how black text looks on a background with the Hex color 5527F3.

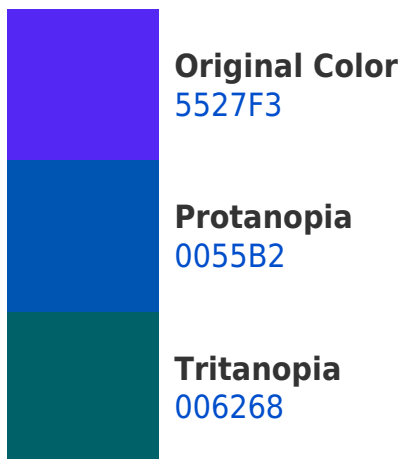


This preview shows how white text looks on a background with the Hex color 5527F3.

# 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



**Original Color**  
5527F3

**Protanomaly**  
1F44CA

**Tritanomaly**  
1F4D9B

# Monochromacy



**Original Color**  
5527F3

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
4F3F89

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5527F3 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 #5527F3 looks like.

```
.text, #text, p{  
    color:#5527F3  
}
```

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 #5527F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5527F3
}
```

## Border

The CSS property to change the border of an element to Hex 5527F3 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
#5527F3 }
```

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

```
.border{ border-color:#5527F3 }
```

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

Here you see how a box with a 4 pixel #5527F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5527F3; -webkit-box-shadow:4px 4px  
4px 4px #5527F3; box-shadow:4px 4px 4px  
4px #5527F3 }
```

# Background

The CSS property to change the background color of an element to Hex 5527F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5527F3 }
```

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

```
.background{ background-color:#5527F3 }
```

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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