

Converting Colors

Hex(536BFF)

Have a look what the booklet for
Hex(536BFF) contains.

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Color

Hex(536BFF)

Conversions

Conversions Part 1

Format	Color
Hex	536BFF
RGB	83, 107, 255
RGB Percent	33%, 42%, 100%
CMY	0.6745, 0.5804, 0.0000
CMYK	0.67, 0.58, 0.00, 0.00
HSL	232°, 100%, 66%
HSV	232°, 67%, 100%
XYZ	26.8750, 19.5744, 96.9695
YIQ	116.6960, -61.8120, 40.9400

Conversions

Conversions Part 2

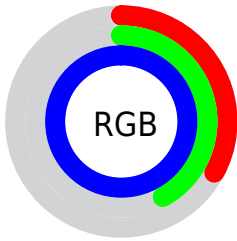
Format	Color
R _Y B	83, 104, 255
Decimal	5467135
CIE Lab	51.35, 37.86, -76.30
CIE LCh	51, 85.175, 296.393
Yxy	19.5744, 0.1874, 0.1365
Android (android.graphics.Color)	4283657215 (0xFF536BFF)
YUV	116.6960, 68.1839, -29.5514
Hunter-Lab	44.2430, 31.0030, -98.9788

Details

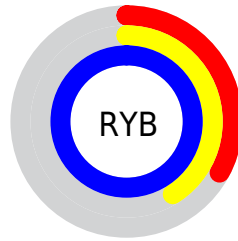
The Hex color **536BFF** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle muted azure. A complement of this color would be **FFE753**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **969EFF**, and **003CC5** is the 20% darker color. If you saturate the color by 10%, you get **3955FF**, and if you desaturate by 10%, it is **6C81FF**.

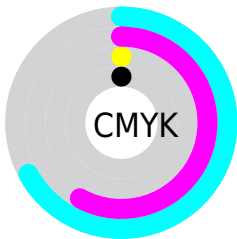
Distribution



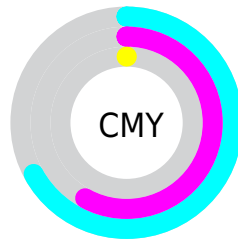
- Red (33%)
- Green (42%)
- Blue (100%)



- Red (33%)
- Yellow (41%)
- Blue (100%)



- Cyan (67%)
- Magenta (58%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (58%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 536BFF 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 536BFF by changing the saturation by 10% instead.

 536BFF

 536BFF

FFFFFF

 2753E2

 969EFF

 003CC5

 B5B9FF

 0027A9

 D4D5FF

 00158E

 F4F1FF

 000073

 000C5A

 000741

 00032A

 000114

■ 536BFF

■ 536BFF

■ 3955FF

■ 6C81FF

■ 203FFF

■ 8697FF

■ 0729FF

■ A0ADFF

■ 0024FF

■ B9C3FF

■ D3D9FF

■ ECEFFF

FFFFFF

Harmonies

Analogous

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



0087FF



536BFF



C63BCC

Triad

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



536BFF



D15200



00976F

Complementary

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



536BFF



FFE753

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.



00931C



536BFF



9C7500

Square

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



536BFF



F1143F



558900



0098BA

Rectangle

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



536BFF



E8009F



558900



009655

Sweetspot

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



536BFF



CCD3FF



53FFE5



616580



000000



808080

Same Dimension

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



536BFF



304DFF



8F53FF



737580



001BBF



000940

Inverse Universe

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



FF536B



FF304D



C3FF53



807375



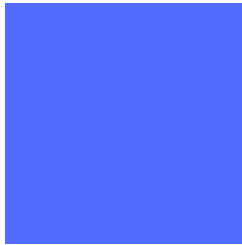
BF001B



400009

Previews

White Background



This preview shows how the Hex color 536BFF looks on a white background.

Color Contrast Check

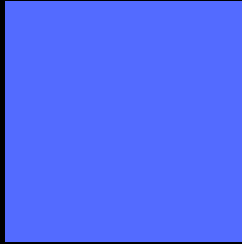
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 536BFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

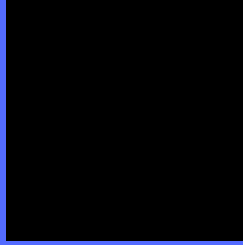
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 536BFF Background



This preview shows how black text looks on a background with the Hex color 536BFF.

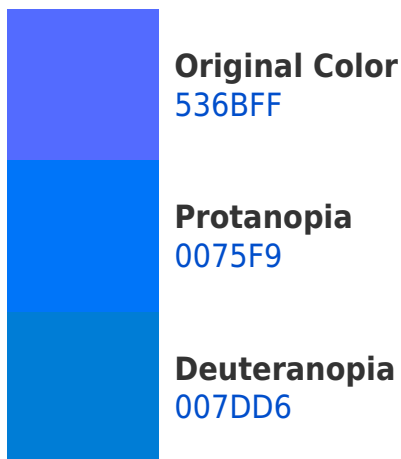


This preview shows how white text looks on a background with the Hex color 536BFF.

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](#).

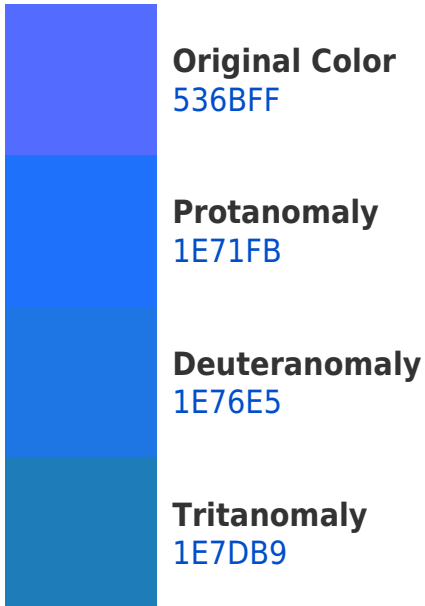
Dichromacy



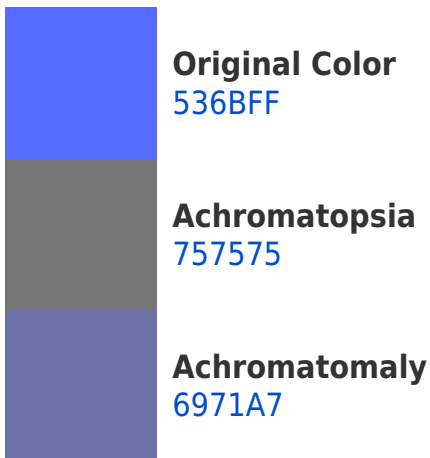


Tritanopia
008791

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 536BFF 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 #536BFF looks like.

```
.text, #text, p{  
    color:#536BFF  
}
```

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 #536BFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #536BFF
}
```

Border

The CSS property to change the border of an element to Hex 536BFF 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
#536BFF }
```

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

```
.border{ border-color:#536BFF }
```

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

Here you see how a box with a 4 pixel #536BFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #536BFF; -webkit-box-shadow:4px 4px  
4px 4px #536BFF; box-shadow:4px 4px 4px  
4px #536BFF }
```

Background

The CSS property to change the background color of an element to Hex 536BFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#536BFF }
```

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

```
.background{ background-color:#536BFF }
```

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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