

Converting Colors

Hex(564BFF)

Have a look what the booklet for
Hex(564BFF) contains.

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Color

Hex(564BFF)

Conversions

Conversions Part 1

Format	Color
Hex	564BFF
RGB	86, 75, 255
RGB Percent	34%, 29%, 100%
CMY	0.6627, 0.7059, 0.0000
CMYK	0.66, 0.71, 0.00, 0.00
HSL	244°, 100%, 65%
HSV	244°, 71%, 100%
XYZ	24.4038, 14.2306, 96.0683
YIQ	98.8090, -51.2240, 58.3120

Conversions

Conversions Part 2

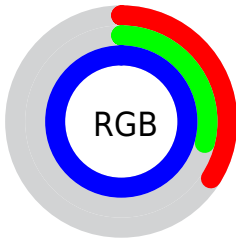
Format	Color
R _Y B	86, 75, 255
Decimal	5655551
CIE Lab	44.56, 56.75, -87.41
CIE LCh	45, 104.214, 302.994
Yxy	14.2306, 0.1812, 0.1056
Android (android.graphics.Color)	4283845631 (0xFF564BFF)
YUV	98.8090, 77.0022, -11.2335
Hunter-Lab	37.7235, 49.4581, -124.5843

Details

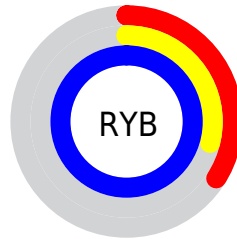
The Hex color **564BFF** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed blue. A complement of this color would be **F4FF4B**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **9A7EFF**, and **001BC5** is the 20% darker color. If you saturate the color by 10%, you get **BE32FF**, and if you desaturate by 10%, it is **6E65FF**.

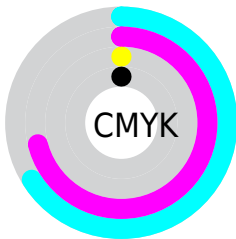
Distribution



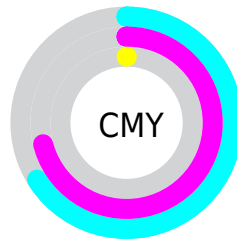
- Red (34%)
- Green (29%)
- Blue (100%)



- Red (34%)
- Yellow (29%)
- Blue (100%)



- Cyan (66%)
- Magenta (71%)
- Yellow (0%)
- Black (0%)



- Cyan (66%)
- Magenta (71%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 564BFF 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 564BFF by changing the saturation by 10% instead.

 564BFF

 564BFF

FFFFFF

 2933E2

 9A7EFF

 001BC5

 BA98FF

 0002A9

 D9B4FF

 00008D

 F9D0FF

 000073

 FFECFF

 000D59

 000740

 000329

 000113

 564BFF

 564BFF

 3E32FF

 6E65FF

 2618FF

 867EFF

 1000FF

 9E98FF

 B6B1FF

 CECBFF

 E6E4FF

FEFEFF

FFFFFF

Harmonies

Analogous

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



0075FF



564BFF



D100BA

Triad

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



564BFF



BC4000



008870

Complementary

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



564BFF



F4FF4B

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.



008500



564BFF



796A00

Square

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



564BFF



E9000E



007D00



0089C8

Rectangle

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



564BFF



EF0082



007D00



008752

Sweetspot

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



564BFF



CDC9FF



4BF6FF



626080



000000



808080

Same Dimension

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



564BFF



3326FF



AE4BFF



747380



0C00BF



040040

Inverse Universe

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



FF4BF4



FF26F2



9CFF4B



80737F



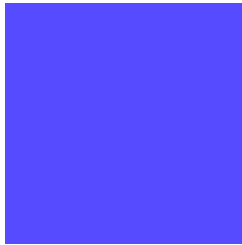
BF00B4



40003C

Previews

White Background



This preview shows how the Hex color 564BFF looks on a white background.

Color Contrast Check

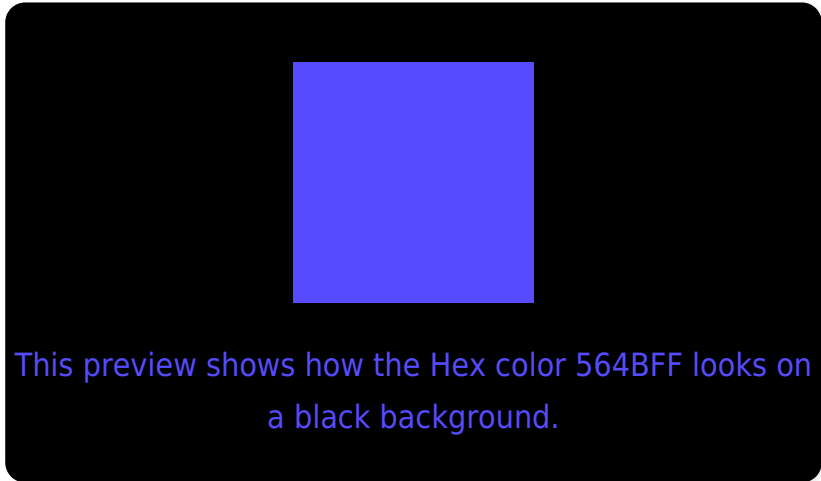
Large Text (above 18pt) WCAG AA ✓ Pass

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

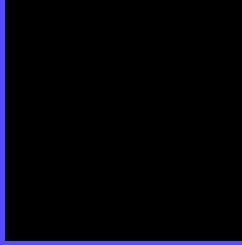
Any Text WCAG AA × Fail

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 564BFF Background



This preview shows how black text looks on a background with the Hex color 564BFF.



This preview shows how white text looks on a background with the Hex color 564BFF.

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](#).

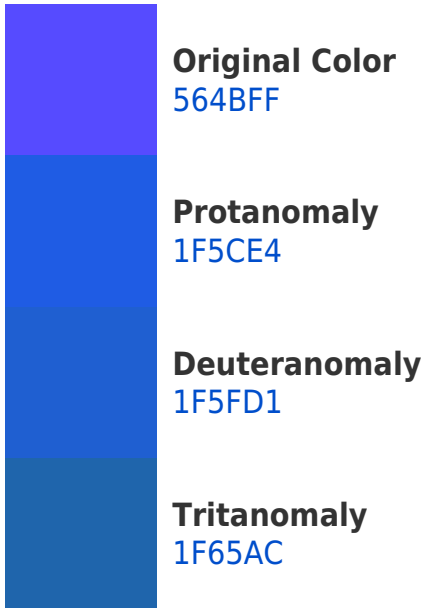
Dichromacy





Tritanopia
00747C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 564BFF 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 #564BFF looks like.

```
.text, #text, p{  
    color:#564BFF  
}
```

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 #564BFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #564BFF
}
```

Border

The CSS property to change the border of an element to Hex 564BFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

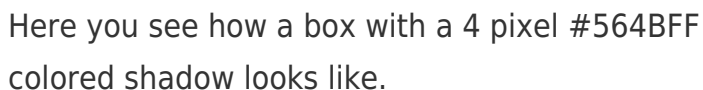
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#564BFF }
```

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

```
.border{ border-color:#564BFF }
```

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



Here you see how a box with a 4 pixel #564BFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #564BFF; -webkit-box-shadow:4px 4px  
4px 4px #564BFF; box-shadow:4px 4px 4px  
4px #564BFF }
```

Background

The CSS property to change the background color of an element to Hex 564BFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#564BFF }
```

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

```
.background{ background-color:#564BFF }
```

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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