

# Converting Colors

Hex(5D4AFF)

Have a look what the booklet for  
Hex(5D4AFF) contains.

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**Color**

**Hex(5D4AFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D4AFF
RGB	93, 74, 255
RGB Percent	36%, 29%, 100%
CMY	0.6353, 0.7098, 0.0000
CMYK	0.64, 0.71, 0.00, 0.00
HSL	246°, 100%, 65%
HSV	246°, 71%, 100%
XYZ	25.0130, 14.4447, 96.0775
YIQ	100.3150, -46.7770, 60.3190

# Conversions

## Conversions Part 2

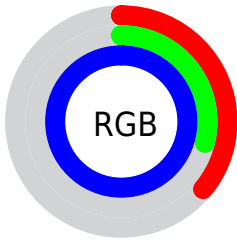
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 74, 255
Decimal	6114047
CIE <sub>Lab</sub>	44.86, 58.07, -86.89
CIE <sub>LCh</sub>	45, 104.510, 303.755
Yxy	14.4447, 0.1845, 0.1066
Android (android.graphics.Color)	4284304127 (0xFF5D4AFF)
YUV	100.3150, 76.2597, -6.4153
Hunter-Lab	38.0062, 50.9652, -123.2774

# Details

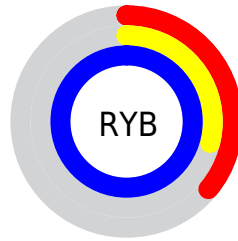
The Hex color **5D4AFF** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed blue. A complement of this color would be **ECFF4A**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **A07DFF**, and **0018C5** is the 20% darker color. If you saturate the color by 10%, you get **4631FF**, and if you desaturate by 10%, it is **7464FF**.

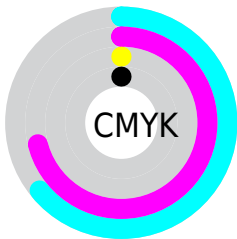
# Distribution



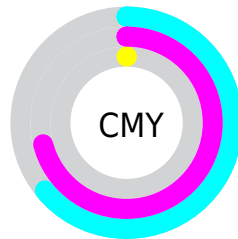
- Red (36%)
- Green (29%)
- Blue (100%)



- Red (36%)
- Yellow (29%)
- Blue (100%)



- Cyan (64%)
- Magenta (71%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (71%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D4AFF 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 5D4AFF by changing the saturation by 10% instead.



 5D4AFF

 5D4AFF

FFFFFF

 3431E2

 A07DFF

 0018C5

 BF98FF

 0000A9

 DFB3FF

 00008D

 FECFFF

 000073

 FFECFF

 000D59

 000740

 000329

 000113

 5D4AFF

 5D4AFF

 4631FF

 7464FF

 2F17FF

 8B7DFF

 1B00FF

 A197FF

 B8B0FF

 CFCAFF

 E6E3FF

 FDFDFF

FFFFFF

# Harmonies

## Analogous

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



0075FF



5D4AFF



D400B9

# Triad

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



5D4AFF



BC4200



008974

# Complementary

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



5D4AFF



ECFF4A

# 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.



008606



5D4AFF



786B00

# Square

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



5D4AFF



EA000B



007E00



008ACB

# Rectangle

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



5D4AFF



F10080



007E00



008855



# Sweetspot

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



5D4AFF



CFC9FF



4AEDFF



636080



000000



808080



# Same Dimension

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



5D4AFF



3D26FF



B74AFF



747380



1400BF



070040



# Inverse Universe

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



FF4AEC



FF26E8



92FF4A



80737E



BF00AB

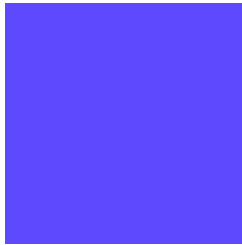


400039



# Previews

## White Background



This preview shows how the Hex color 5D4AFF looks on a white background.

## Color Contrast Check

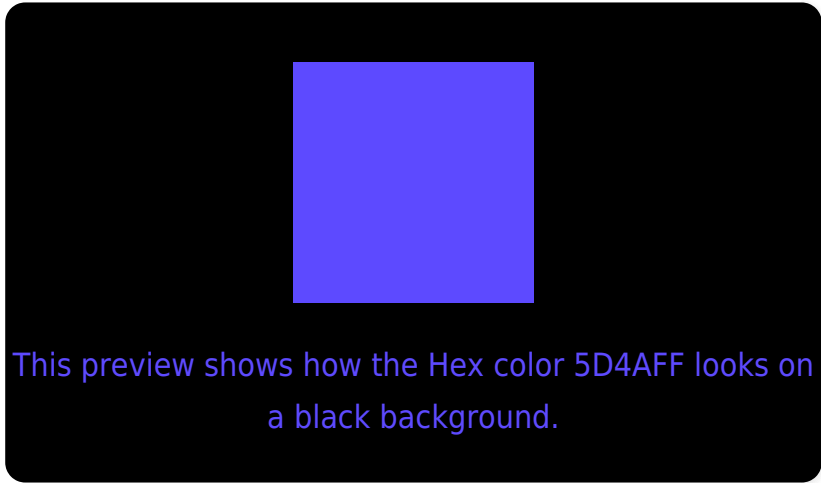
Large Text (above 18pt) WCAG AA ✓ Pass

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

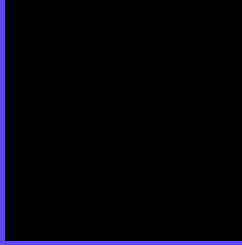
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5D4AFF Background



This preview shows how black text looks on a background with the Hex color 5D4AFF.



This preview shows how white text looks on a background with the Hex color 5D4AFF.

# 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



**Original Color**  
5D4AFF

**Protanopia**  
0066D6

**Deuteranopia**  
006CB7



**Tritanopia**  
00757E

# Trichromacy



**Original Color**  
5D4AFF



**Protanomaly**  
225CE5



**Deuteranomaly**  
2260D1



**Tritanomaly**  
2265AD

# Monochromacy



**Original Color**  
5D4AFF



**Achromatopsia**  
646464



**Achromatomaly**  
615B9C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D4AFF 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 #5D4AFF looks like.

```
.text, #text, p{  
    color:#5D4AFF  
}
```

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 #5D4AFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D4AFF
}
```

## Border

The CSS property to change the border of an element to Hex 5D4AFF 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
#5D4AFF }
```

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

```
.border{ border-color:#5D4AFF }
```

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

Here you see how a box with a 4 pixel #5D4AFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D4AFF; -webkit-box-shadow:4px 4px  
4px 4px #5D4AFF; box-shadow:4px 4px 4px  
4px #5D4AFF }
```

# Background

The CSS property to change the background color of an element to Hex 5D4AFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D4AFF }
```

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

```
.background{ background-color:#5D4AFF }
```

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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