

Converting Colors

Hex(5840FF)

Have a look what the booklet for
Hex(5840FF) contains.

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Color

Hex(5840FF)

Conversions

Conversions Part 1

Format	Color
Hex	5840FF
RGB	88, 64, 255
RGB Percent	35%, 25%, 100%
CMY	0.6549, 0.7490, 0.0000
CMYK	0.65, 0.75, 0.00, 0.00
HSL	248°, 100%, 63%
HSV	248°, 75%, 100%
XYZ	23.9079, 12.9615, 95.8495
YIQ	92.9500, -47.0070, 64.4890

Conversions

Conversions Part 2

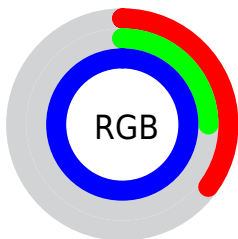
Format	Color
R_{YB}	88, 64, 255
Decimal	5783807
CIE _{Lab}	42.71, 62.59, -90.46
CIE _{LCh}	43, 110.002, 304.677
Yxy	12.9615, 0.1801, 0.0977
Android (android.graphics.Color)	4283973887 (0xFF5840FF)
YUV	92.9500, 79.8907, -4.3411
Hunter-Lab	36.0021, 55.5328, -132.6482

Details

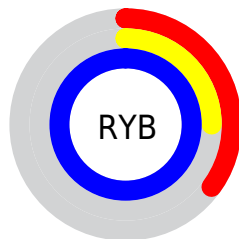
The Hex color **5840FF** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed blue. A complement of this color would be **E7FF40**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **9C74FF**, and **0009C5** is the 20% darker color. If you saturate the color by 10%, you get **4226FF**, and if you desaturate by 10%, it is **6E5AFF**.

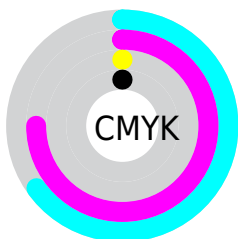
Distribution



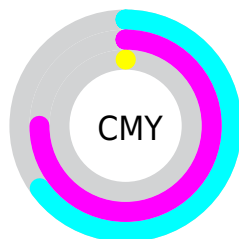
- Red (35%)
- Green (25%)
- Blue (100%)



- Red (35%)
- Yellow (25%)
- Blue (100%)



- Cyan (65%)
- Magenta (75%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (75%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5840FF 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 5840FF by changing the saturation by 10% instead.

 5840FF

 5840FF

FFFFFF

 2C26E2

 9C74FF

 0009C5

 BC8EFF

 0000A8

 DCA9FF

 00008D

 FCC5FF

 000072

 FFE2FF

 000D59

 000740

 000329

 000113

■ 5840FF

■ 5840FF

■ 4226FF

■ 6E5AFF

■ 2B0DFF

■ 8573FF

■ 2000FF

■ 9B8DFF

■ B1A6FF

■ C7C0FF

■ DED9FF

■ F4F3FF

FFFFFF

Harmonies

Analogous

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



0070FF



5840FF



D400B5

Triad

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



5840FF



B63B00



008472

Complementary

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



5840FF



E7FF40

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.



008000



5840FF



6F6700

Square

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



5840FF



E70000



007900



0085CD

Rectangle

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



5840FF



F10079



007900



008351

Sweetspot

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



5840FF



CEC7FF



40E9FF



635E80



000000



808080

Same Dimension

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



5840FF



3619FF



B640FF



747380



1800BF



080040

Inverse Universe

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



FF40E7



FF19E2



89FF40



80737E



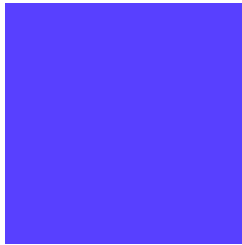
BF00A7



400038

Previews

White Background



This preview shows how the Hex color 5840FF looks on a white background.

Color Contrast Check

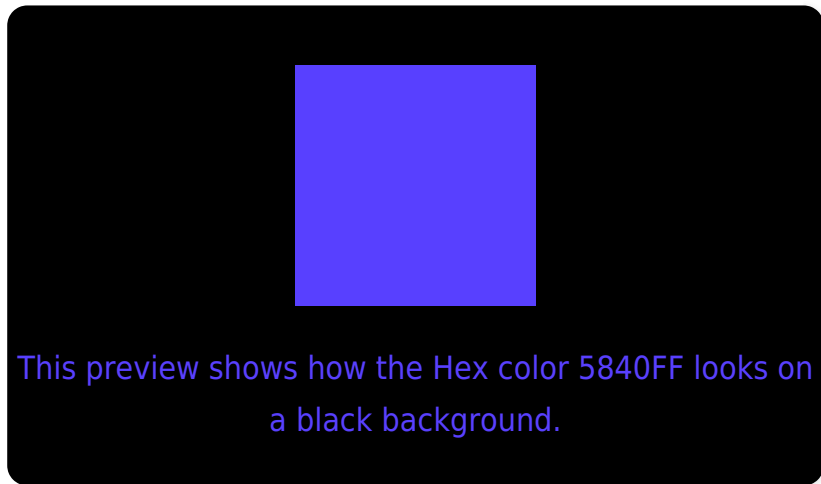
Large Text (above 18pt) WCAG AA ✓ Pass

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

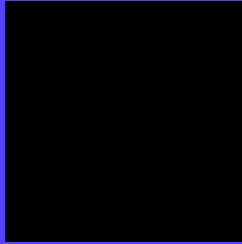
Any Text WCAG AA × Fail

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 5840FF Background



This preview shows how black text looks on a background with the Hex color 5840FF.

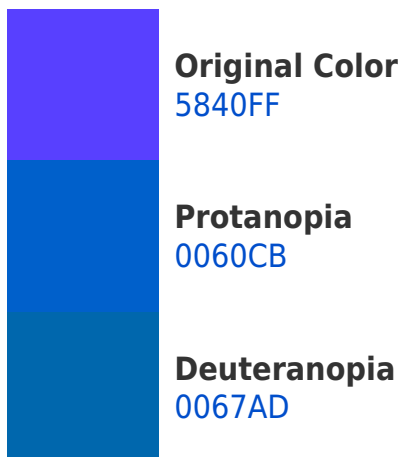


This preview shows how white text looks on a background with the Hex color 5840FF.

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
006F77

Trichromacy



Original Color
5840FF



Protanomaly
2054DE



Deuteranomaly
2059CB



Tritanomaly
205EA8

Monochromacy



Original Color
5840FF



Achromatopsia
5D5D5D



Achromatomaly
5B5298

CSS Examples

Text

The CSS property to change the color of the text to Hex 5840FF 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 #5840FF looks like.

```
.text, #text, p{  
  color:#5840FF  
}
```

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 #5840FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5840FF
}
```

Border

The CSS property to change the border of an element to Hex 5840FF 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".

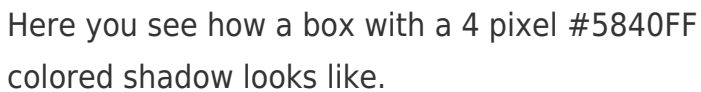
```
.border, #border, table{ border:4px solid
#5840FF }
```

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

```
.border{ border-color:#5840FF }
```

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

Here you see how a box with a 4 pixel #5840FF colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5840FF; -webkit-box-shadow:4px 4px  
4px 4px #5840FF; box-shadow:4px 4px 4px  
4px #5840FF }
```

Background

The CSS property to change the background color of an element to Hex 5840FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5840FF }
```

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

```
.background{ background-color:#5840FF }
```

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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