

Converting Colors

Hex(5A30FF)

Have a look what the booklet for
Hex(5A30FF) contains.

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Color

Hex(5A30FF)

Conversions

Conversions Part 1

Format	Color
Hex	5A30FF
RGB	90, 48, 255
RGB Percent	35%, 19%, 100%
CMY	0.6471, 0.8118, 0.0000
CMYK	0.65, 0.81, 0.00, 0.00
HSL	252°, 100%, 59%
HSV	252°, 81%, 100%
XYZ	23.3234, 11.5076, 95.5996
YIQ	84.1560, -41.4150, 73.2810

Conversions

Conversions Part 2

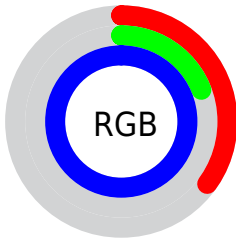
Format	Color
R_{YB}	90, 48, 255
Decimal	5910783
CIE _{Lab}	40.42, 69.83, -94.23
CIE _{LCh}	40, 117.286, 306.541
Yxy	11.5076, 0.1788, 0.0882
Android (android.graphics.Color)	4284100863 (0xFF5A30FF)
YUV	84.1560, 84.2261, 5.1252
Hunter-Lab	33.9228, 63.3616, -143.3423

Details

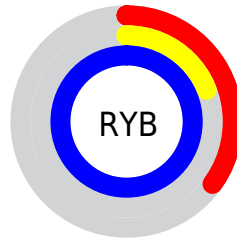
The Hex color **5A30FF** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **D5FF30**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **9F66FF**, and **0000C5** is the 20% darker color. If you saturate the color by 10%, you get **4617FF**, and if you desaturate by 10%, it is **6E4AFF**.

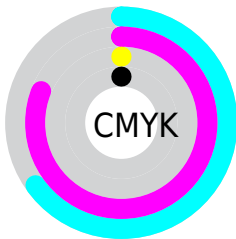
Distribution



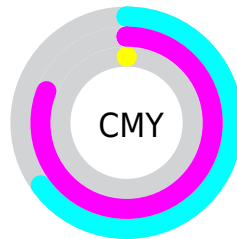
- Red (35%)
- Green (19%)
- Blue (100%)



- Red (35%)
- Yellow (19%)
- Blue (100%)



- Cyan (65%)
- Magenta (81%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (81%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A30FF 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 5A30FF by changing the saturation by 10% instead.

 5A30FF

 5A30FF

FFFFFF

 2E10E1

 9F66FF

 0000C5

 BF81FF

 0000A8

 DF9CFF

 00008D

 FFB8FF

 000072

 FFD5FF

 000D58

 FFF2FF

 000740

 000329

 000113

 5A30FF

 5A30FF

 4617FF

 6E4AFF

 3400FF

 8363FF

 977DFF

 AB96FF

 C0B0FF

 D4C9FF

 E8E3FF

 FDFCFF

FFFFFF

Harmonies

Analogous

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



006BFF



5A30FF



D800AE

Triad

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



5A30FF



AE3600



007E73

Complementary

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



5A30FF



D5FF30

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.



007B00



5A30FF



626400

Square

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



5A30FF



E30000



007500



0081D3

Rectangle

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



5A30FF



F3006F



007500



007D51

Sweetspot

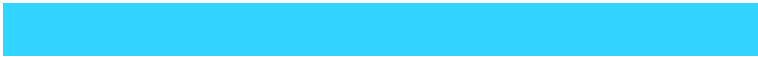
The Sweet Spot groups the original color and five complimentary colors.



5A30FF



CEC2FF



30D6FF



625B80



000000



808080

Same Dimension

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



5A30FF



3A08FF



C130FF



757380



2700BF



0D0040

Inverse Universe

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



FF30D5



FF08CD



6EFF30



80737D



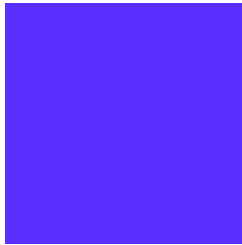
BF0098



400033

Previews

White Background



This preview shows how the Hex color 5A30FF looks on a white background.

Color Contrast Check

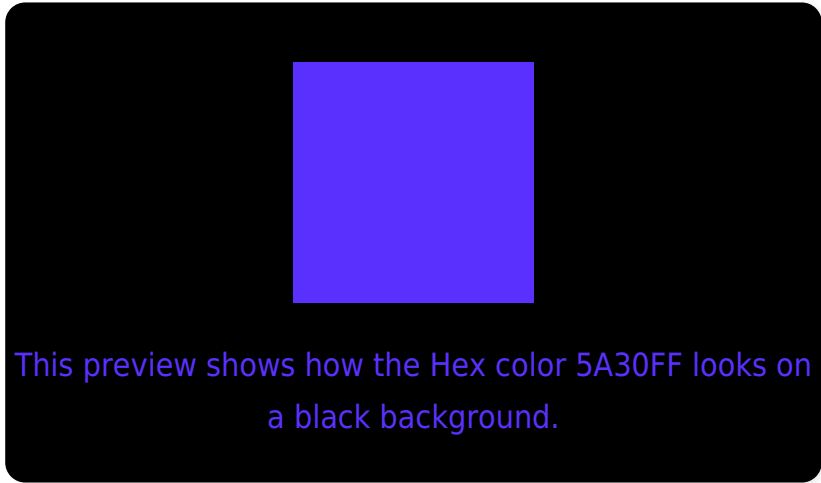
Large Text (above 18pt) WCAG AA ✓ Pass

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

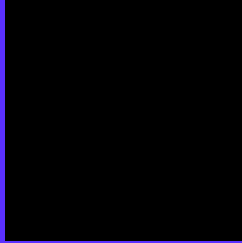
Any Text WCAG AA × Fail

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 5A30FF Background



This preview shows how black text looks on a background with the Hex color 5A30FF.

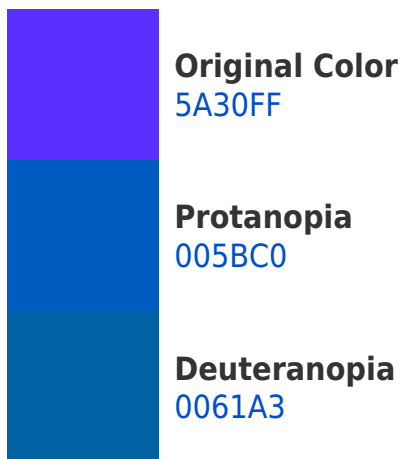


This preview shows how white text looks on a background with the Hex color 5A30FF.

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
5A30FF



Protanomaly
214BD7



Deuteranomaly
214FC4



Tritanomaly
2154A4

Monochromacy



Original Color
5A30FF



Achromatopsia
545454



Achromatomaly
564792

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A30FF 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 #5A30FF looks like.

```
.text, #text, p{  
    color:#5A30FF  
}
```

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 #5A30FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A30FF
}
```

Border

The CSS property to change the border of an element to Hex 5A30FF 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
#5A30FF }
```

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

```
.border{ border-color:#5A30FF }
```

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

Here you see how a box with a 4 pixel #5A30FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A30FF; -webkit-box-shadow:4px 4px  
4px 4px #5A30FF; box-shadow:4px 4px 4px  
4px #5A30FF }
```

Background

The CSS property to change the background color of an element to Hex 5A30FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A30FF }
```

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

```
.background{ background-color:#5A30FF }
```

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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