

Converting Colors

Hex(5930CF)

Have a look what the booklet for
Hex(5930CF) contains.

Hex(5930CF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5930CF)

Conversions

Conversions Part 1

Format	Color
Hex	5930CF
RGB	89, 48, 207
RGB Percent	35%, 19%, 81%
CMY	0.6510, 0.8118, 0.1882
CMYK	0.57, 0.77, 0.00, 0.19
HSL	255°, 62%, 50%
HSV	255°, 77%, 81%
XYZ	16.4393, 8.7427, 59.8526
YIQ	78.3850, -26.6030, 58.1410

Conversions

Conversions Part 2

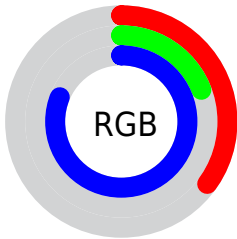
Format	Color
R_{YB}	89, 48, 207
Decimal	5845199
CIE _{Lab}	35.48, 56.67, -75.07
CIE _{LCh}	35, 94.055, 307.048
Yxy	8.7427, 0.1933, 0.1028
Android (android.graphics.Color)	4284035279 (0xFF5930CF)
YUV	78.3850, 63.4072, 9.3094
Hunter-Lab	29.5681, 47.4980, -99.3186

Details

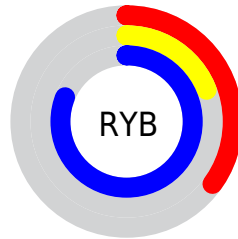
The Hex color **5930CF** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **A6CF30**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **9663FF**, and **000097** is the 20% darker color. If you saturate the color by 10%, you get **4A1BCF**, and if you desaturate by 10%, it is **6845CF**.

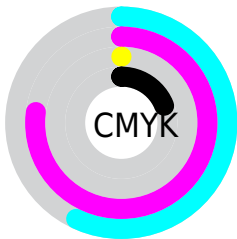
Distribution



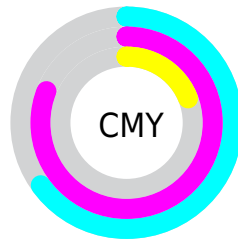
- Red (35%)
- Green (19%)
- Blue (81%)



- Red (35%)
- Yellow (19%)
- Blue (81%)



- Cyan (57%)
- Magenta (77%)
- Yellow (0%)
- Black (19%)



- Cyan (65%)
- Magenta (81%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5930CF 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 5930CF by changing the saturation by 10% instead.

 5930CF

 5930CF

FFFFFF

 3715B3

 9663FF

 000097

 B57DFF

 00007C

 D398FF

 000062

 F1B4FF

 000949

 FFD0FF

 000432

 FFEDFF

 00011C

 000000

 5930CF

 5930CF

■ 4A1BCF

■ 6845CF

■ 3A07CF

■ 7859CF

■ 3500CF

■ 876ECF

■ 9683CF

■ A698CF

■ B5ACCF

■ C5C1CF

■ D4D6CF

■ E3EACF

Harmonies

Analogous

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



005BEE



5930CF



B40090

Triad

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



5930CF



933600



006D64

Complementary

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



5930CF



A6CF30

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.



006B0C



5930CF



575700

Square

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



5930CF



BD0000



006500



006FAF

Rectangle

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



5930CF



C9005F



006500



006D4A

Sweetspot

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



5930CF



D3C4FF



30A7CF



655C80



000000



808080

Same Dimension

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



5930CF



5114FF



A730CF



615E69



2B00A8



0B0029

Inverse Universe

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



CF30A6



FF14C3



58CF30



695E66



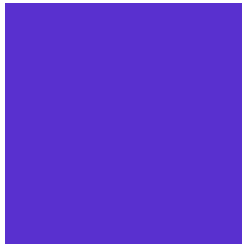
A8007D



29001E

Previews

White Background



This preview shows how the Hex color 5930CF looks on a white background.

Color Contrast Check

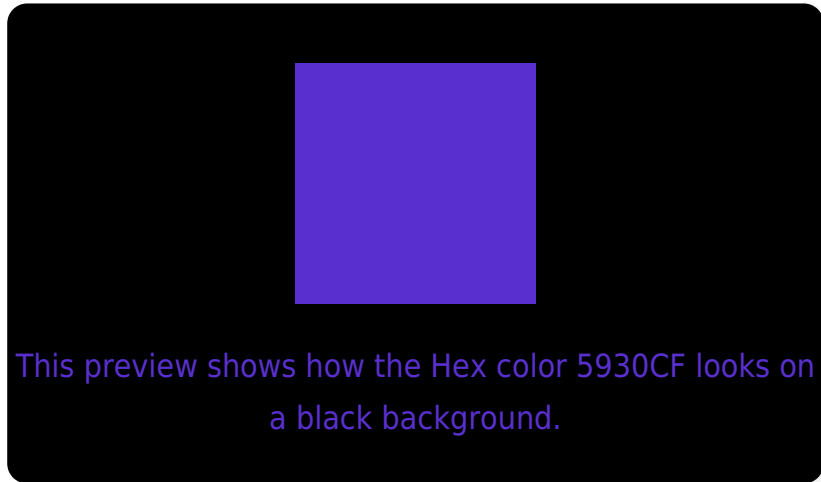
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

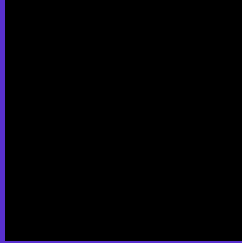
Any Text WCAG AA × Fail

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 5930CF Background



This preview shows how black text looks on a background with the Hex color 5930CF.

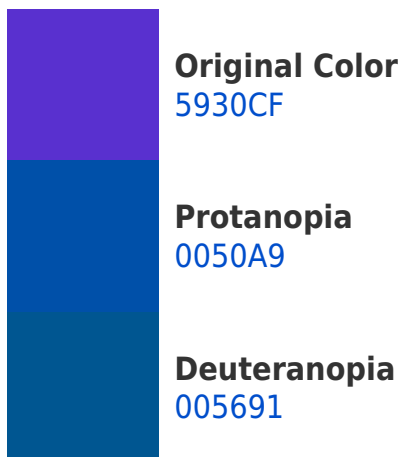


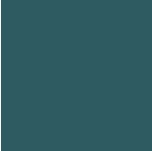
This preview shows how white text looks on a background with the Hex color 5930CF.

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
2E5A61

Trichromacy



Original Color
5930CF



Protanomaly
2044B7



Deuteranomaly
2048A8



Tritanomaly
3E4B89

Monochromacy



Original Color
5930CF



Achromatopsia
4E4E4E



Achromatomaly
52437D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5930CF 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 #5930CF looks like.

```
.text, #text, p{  
    color:#5930CF  
}
```

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 #5930CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5930CF
}
```

Border

The CSS property to change the border of an element to Hex 5930CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

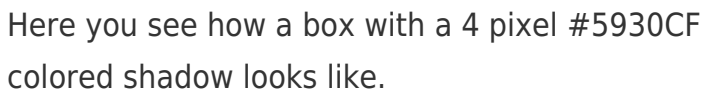
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5930CF }
```

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

```
.border{ border-color:#5930CF }
```

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



Here you see how a box with a 4 pixel #5930CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5930CF; -webkit-box-shadow:4px 4px  
4px 4px #5930CF; box-shadow:4px 4px 4px  
4px #5930CF }
```

Background

The CSS property to change the background color of an element to Hex 5930CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5930CF }
```

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

```
.background{ background-color:#5930CF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor