

Converting Colors

Hex(930CED)

Have a look what the booklet for
Hex(930CED) contains.

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Color

Hex(930CED)

Conversions

Conversions Part 1

Format	Color
Hex	930CED
RGB	147, 12, 237
RGB Percent	58%, 5%, 93%
CMY	0.4235, 0.9529, 0.0706
CMYK	0.38, 0.95, 0.00, 0.07
HSL	276°, 90%, 49%
HSV	276°, 95%, 93%
XYZ	27.4502, 12.5804, 81.1022
YIQ	78.0150, 8.2350, 98.5950

Conversions

Conversions Part 2

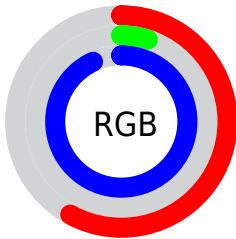
Format	Color
RYB	147, 12, 237
Decimal	9637101
CIELab	42.12, 79.97, -81.08
CIElCh	42, 113.880, 314.603
Yxy	12.5804, 0.2266, 0.1039
Android (android.graphics.Color)	4287827181 (0xFF930CED)
YUV	78.0150, 78.3796, 60.4998
Hunter-Lab	35.4689, 76.0746, -110.7428

Details

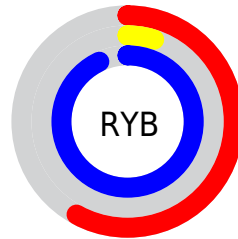
The Hex color **930CED** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **66ED0C**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **D058FF**, and **5500B4** is the 20% darker color. If you saturate the color by 10%, you get **8E00ED**, and if you desaturate by 10%, it is **9C24ED**.

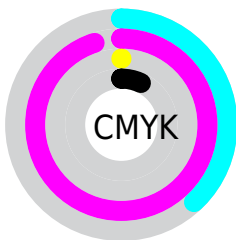
Distribution



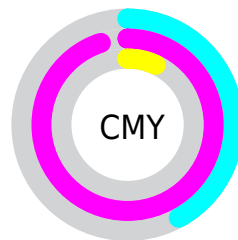
- Red (58%)
- Green (5%)
- Blue (93%)



- Red (58%)
- Yellow (5%)
- Blue (93%)



- Cyan (38%)
- Magenta (95%)
- Yellow (0%)
- Black (7%)



- Cyan (42%)
- Magenta (95%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 930CED 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 930CED by changing the saturation by 10% instead.

 930CED

 930CED

FFFFFF

 7400D0

 D058FF

 5500B4

 EF75FF

 310098

 FF92FF

 00007D

 FFAFFF

 000063

 FFC0FF

 00074A

 FFEAFF

 000432

 00021C

 000000

■ 930CED

■ 930CED

■ 8E00ED

■ 9C24ED

■ A63BED

■ AF53ED

■ B96BED

■ C283ED

■ CC9AED

■ D5B2ED

■ DFCAED

■ E8E1ED

Harmonies

Analogous

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



0064FF



930CED



E80098

Triad

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



930CED



A04C00



008391

Complementary

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



930CED



66ED0C

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.



00802C



930CED



4E6E00

Square

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



930CED



DB0000



007B00



0085E9

Rectangle

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



930CED



F9005B



007B00



008270

Sweetspot

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



930CED



E2B8FF



0C66ED



6E5480



000000



808080

Same Dimension

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



930CED



9900FF



ED0CD7



716A75



6D00B5



200036

Inverse Universe

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



ED0C66



FF0066



0CED22



756A6E



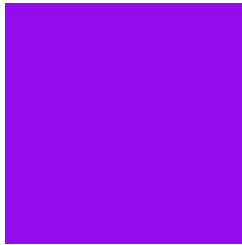
B50048



360015

Previews

White Background



This preview shows how the Hex color 930CED looks on a white background.

Color Contrast Check

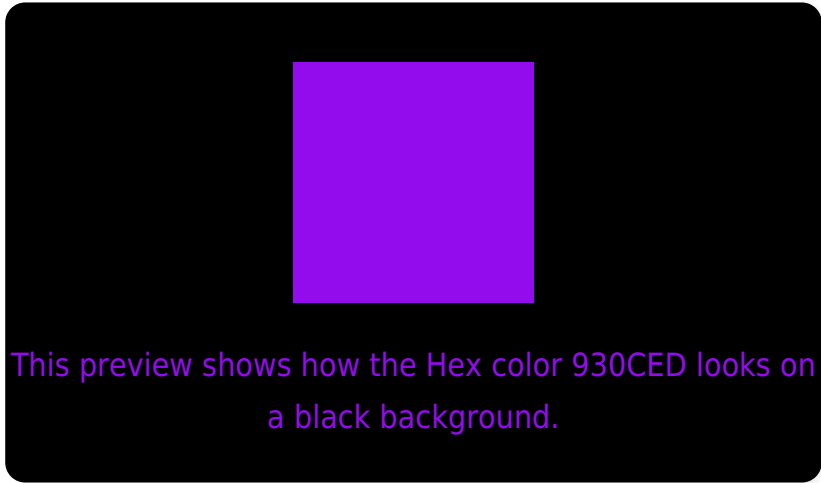
Large Text (above 18pt) WCAG AA ✓ Pass

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

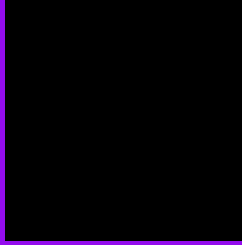
Any Text WCAG AA × Fail

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 930CED Background



This preview shows how black text looks on a background with the Hex color 930CED.

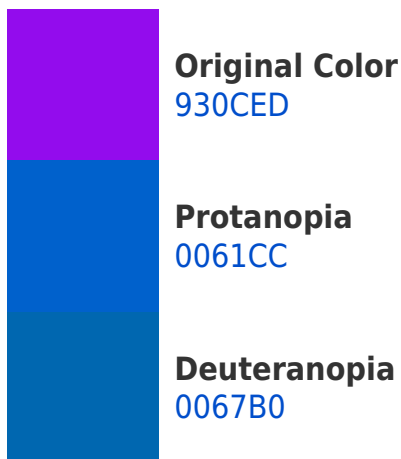



This preview shows how white text looks on a background with the Hex color 930CED.

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](#).

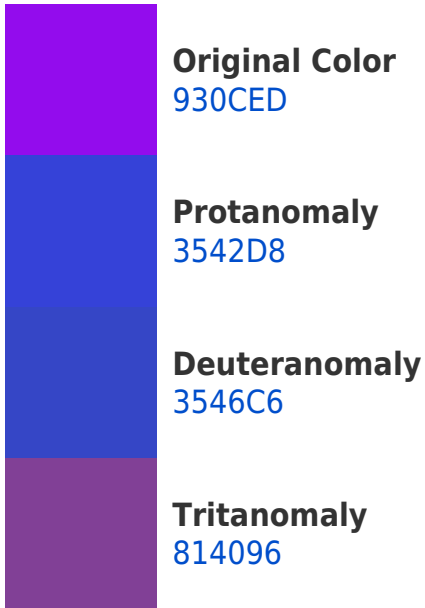
Dichromacy



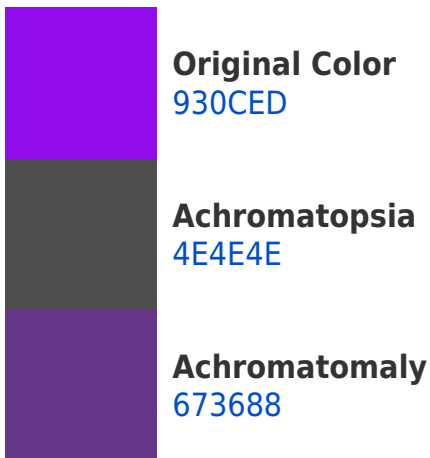


Tritanopia
775D64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 930CED 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 #930CED looks like.

```
.text, #text, p{  
    color:#930CED  
}
```

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 #930CED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #930CED
}
```

Border

The CSS property to change the border of an element to Hex 930CED 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
#930CED }
```

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

```
.border{ border-color:#930CED }
```

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

Here you see how a box with a 4 pixel #930CED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #930CED; -webkit-box-shadow:4px 4px  
4px 4px #930CED; box-shadow:4px 4px 4px  
4px #930CED }
```

Background

The CSS property to change the background color of an element to Hex 930CED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#930CED }
```

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

```
.background{ background-color:#930CED }
```

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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