

# Converting Colors

Hex(0932E3)

Have a look what the booklet for  
Hex(0932E3) contains.

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**Color**

**Hex(0932E3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0932E3
RGB	9, 50, 227
RGB Percent	4%, 20%, 89%
CMY	0.9647, 0.8039, 0.1098
CMYK	0.96, 0.78, 0.00, 0.11
HSL	229°, 92%, 46%
HSV	229°, 96%, 89%
XYZ	15.1184, 7.8853, 73.3982
YIQ	57.9190, -81.2530, 46.3550

# Conversions

## Conversions Part 2

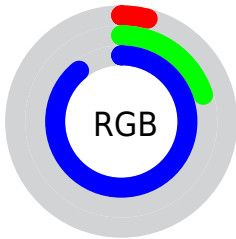
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	9, 44, 227
Decimal	602851
CIE Lab	33.74, 56.50, -89.60
CIE LCh	34, 105.927, 302.235
Yxy	7.8853, 0.1568, 0.0818
Android (android.graphics.Color)	4278792931 (0xFF0932E3)
YUV	57.9190, 83.3569, -42.9020
Hunter-Lab	28.0808, 46.9608, -135.3168

# Details

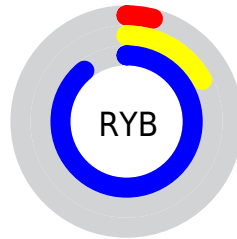
The Hex color **0932E3** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **E3BA09**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **7063FF**, and **0003AA** is the 20% darker color. If you saturate the color by 10%, you get **002BE3**, and if you desaturate by 10%, it is **2044E3**.

# Distribution



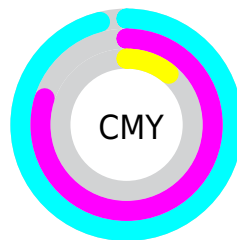
- Red (4%)
- Green (20%)
- Blue (89%)



- Red (4%)
- Yellow (17%)
- Blue (89%)



- Cyan (96%)
- Magenta (78%)
- Yellow (0%)
- Black (11%)



- Cyan (96%)
- Magenta (80%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0932E3 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 0932E3 by changing the saturation by 10% instead.



 0932E3

 0932E3

FFFFFF

 001BC6

 7063FF

 0003AA

 927CFF

 00008E

 B297FF

 000074

 D2B2FF

 000D5A

 F2CEFF

 000741

 FFEAFF

 00032A

 000115

 000000

■ 0932E3

■ 0932E3

■ 002BE3

■ 2044E3

■ 3657E3

■ 4D69E3

■ 647CE3

■ 7B8EE3

■ 91A1E3

■ A8B3E3

■ BFC5E3

■ D5D8E3

# Harmonies

## Analogous

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



005EFF



0932E3



B000A0

# Triad

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



0932E3



9C1E00



006954

# Complementary

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



0932E3



E3BA09

# 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.



006700



0932E3



5C5000

# Square

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



0932E3



C70000



006100



006CA9

# Rectangle

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



0932E3



CD0069



006100



006936



# Sweetspot

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



0932E3



B5C3FF



09E3B7



535B80



000000



808080



# Same Dimension

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



0932E3



0030FF



4A09E3



676973



0022B3



000A33



# Inverse Universe

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



E30932



FF0030



A2E309



736769



B30022



33000A



# Previews

## White Background



This preview shows how the Hex color 0932E3 looks on a white background.

## Color Contrast Check

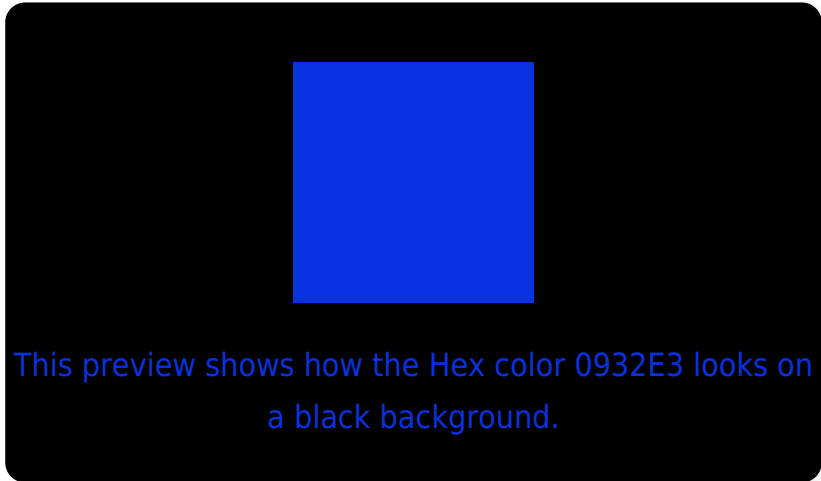
Large Text (above 18pt) WCAG AA ✓ Pass

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

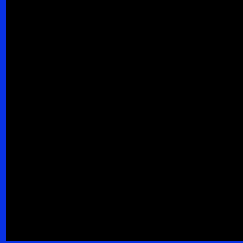
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0932E3 Background



This preview shows how black text looks on a background with the Hex color 0932E3.

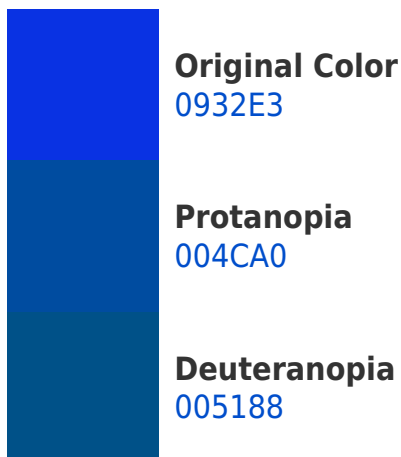



This preview shows how white text looks on a background with the Hex color 0932E3.

# 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**  
00585C

# Trichromacy



**Original Color**  
0932E3

**Protanomaly**  
0343B8

**Deuteranomaly**  
0346A9

**Tritanomaly**  
034A8D

# Monochromacy



**Original Color**  
0932E3

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
283777

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0932E3 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 #0932E3 looks like.

```
.text, #text, p{  
  color:#0932E3  
}
```

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 #0932E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0932E3
}
```

## Border

The CSS property to change the border of an element to Hex 0932E3 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".

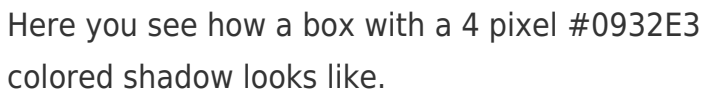
```
.border, #border, table{ border:4px solid
#0932E3 }
```

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

```
.border{ border-color:#0932E3 }
```

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

Here you see how a box with a 4 pixel #0932E3 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 #0932E3; -webkit-box-shadow:4px 4px  
4px 4px #0932E3; box-shadow:4px 4px 4px  
4px #0932E3 }
```

# Background

The CSS property to change the background color of an element to Hex 0932E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0932E3 }
```

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

```
.background{ background-color:#0932E3 }
```

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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