

Converting Colors

Hex(0933DE)

Have a look what the booklet for
Hex(0933DE) contains.

Hex(0933DE)	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(0933DE)

Conversions

Conversions Part 1

Format	Color
Hex	0933DE
RGB	9, 51, 222
RGB Percent	4%, 20%, 87%
CMY	0.9647, 0.8000, 0.1294
CMYK	0.96, 0.77, 0.00, 0.13
HSL	228°, 92%, 45%
HSV	228°, 96%, 87%
XYZ	14.4813, 7.6997, 69.8302
YIQ	57.9360, -79.9230, 44.2770

Conversions

Conversions Part 2

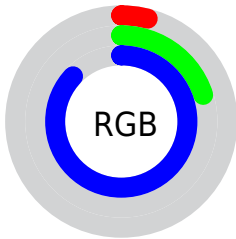
Format	Color
R_{YB}	9, 44, 222
Decimal	603102
CIE _{Lab}	33.35, 54.34, -87.39
CIE _{LCh}	33, 102.905, 301.873
Yxy	7.6997, 0.1574, 0.0837
Android (android.graphics.Color)	4278793182 (0xFF0933DE)
YUV	57.9360, 80.8836, -42.9169
Hunter-Lab	27.7483, 44.5964, -129.7831

Details

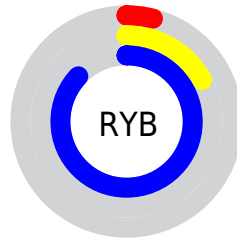
The Hex color **0933DE** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **DEB409**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **6E64FF**, and **0005A5** is the 20% darker color. If you saturate the color by 10%, you get **002CDE**, and if you desaturate by 10%, it is **1F45DE**.

Distribution



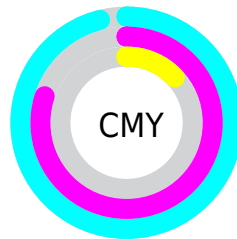
- Red (4%)
- Green (20%)
- Blue (87%)



- Red (4%)
- Yellow (17%)
- Blue (87%)



- Cyan (96%)
- Magenta (77%)
- Yellow (0%)
- Black (13%)



- Cyan (96%)
- Magenta (80%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0933DE 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 0933DE by changing the saturation by 10% instead.

 0933DE

 0933DE

FFFFFF

 001CC1

 6E64FF

 0005A5

 907DFF

 00008A

 B097FF

 00016F

 D0B3FF

 000C56

 EFCEFF

 00063D

 FFEBFF

 000327

 000110

 000000

■ 0933DE

■ 0933DE

■ 002CDE

■ 1F45DE

■ 3557DE

■ 4C68DE

■ 627ADE

■ 788CDE

■ 8E9EDE

■ A4B0DE

■ BBC2DE

■ D1D3DE

Harmonies

Analogous

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



005CF9



0933DE



AB009D

Triad

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



0933DE



9A1E00



006852

Complementary

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



0933DE



DEB409

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.



006500



0933DE



5C4E00

Square

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



0933DE



C30000



005F00



006AA5

Rectangle

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



0933DE



C90068



005F00



006735

Sweetspot

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



0933DE



B5C4FF



09DEB3



535C80



000000



808080

Same Dimension

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



0933DE



0032FF



4909DE



656770



0023B0



000A30

Inverse Universe

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



DE0933



FF0032



9EDE09



706567



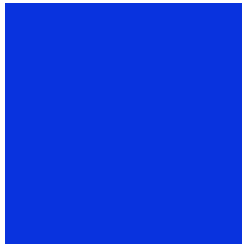
B00023



30000A

Previews

White Background



This preview shows how the Hex color 0933DE looks on a white background.

Color Contrast Check

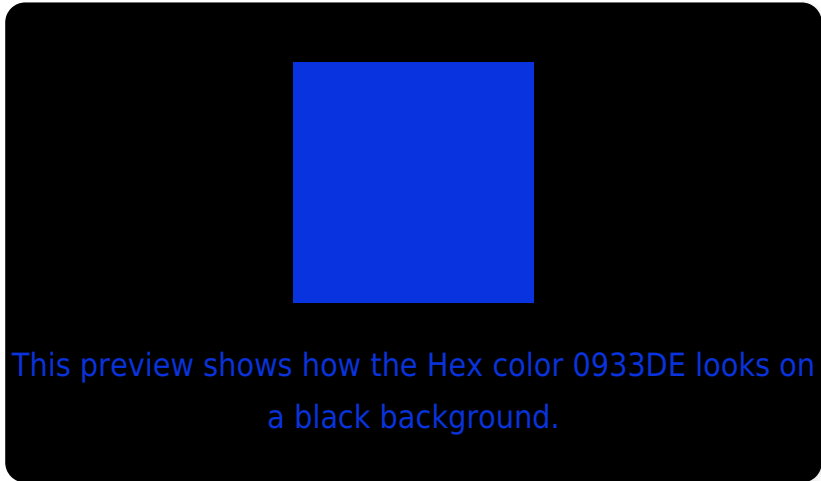
Large Text (above 18pt) WCAG AA ✓ Pass

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

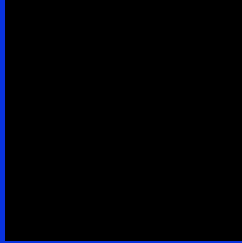
Any Text WCAG AA × Fail

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 0933DE Background



This preview shows how black text looks on a background with the Hex color 0933DE.



This preview shows how white text looks on a background with the Hex color 0933DE.

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
00575B

Trichromacy



Original Color
0933DE

Protanomaly
0342B5

Deuteranomaly
0345A6

Tritanomaly
034A8B

Monochromacy



Original Color
0933DE

Achromatopsia
3A3A3A

Achromatomaly
283776

CSS Examples

Text

The CSS property to change the color of the text to Hex 0933DE 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 #0933DE looks like.

```
.text, #text, p{  
    color:#0933DE  
}
```

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 #0933DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0933DE
}
```

Border

The CSS property to change the border of an element to Hex 0933DE is called "border". The border property can be set on classes, ids or directly on the HTML element.

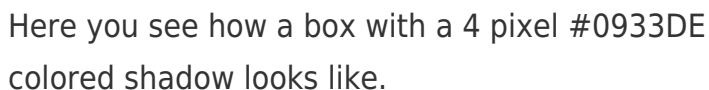
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0933DE }
```

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

```
.border{ border-color:#0933DE }
```

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



Here you see how a box with a 4 pixel #0933DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0933DE; -webkit-box-shadow:4px 4px  
4px 4px #0933DE; box-shadow:4px 4px 4px  
4px #0933DE }
```

Background

The CSS property to change the background color of an element to Hex 0933DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0933DE }
```

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

```
.background{ background-color:#0933DE }
```

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