

Converting Colors

Hex(4933E1)

Have a look what the booklet for
Hex(4933E1) contains.

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Color

Hex(4933E1)

Conversions

Conversions Part 1

Format	Color
Hex	4933E1
RGB	73, 51, 225
RGB Percent	29%, 20%, 88%
CMY	0.7137, 0.8000, 0.1176
CMYK	0.68, 0.77, 0.00, 0.12
HSL	248°, 74%, 54%
HSV	248°, 77%, 88%
XYZ	17.5221, 9.2204, 72.0904
YIQ	77.4140, -42.7420, 58.7780

Conversions

Conversions Part 2

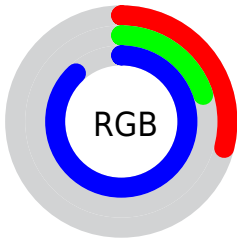
Format	Color
R_{YB}	73, 51, 225
Decimal	4797409
CIE _{Lab}	36.41, 58.68, -83.96
CIE _{LCh}	36, 102.437, 304.951
Yxy	9.2204, 0.1773, 0.0933
Android (android.graphics.Color)	4282987489 (0xFF4933E1)
YUV	77.4140, 72.7599, -3.8711
Hunter-Lab	30.3651, 49.8642, -119.5062

Details

The Hex color **4933E1** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **CBE133**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **8D66FF**, and **0000A8** is the 20% darker color. If you saturate the color by 10%, you get **351CE1**, and if you desaturate by 10%, it is **5D49E1**.

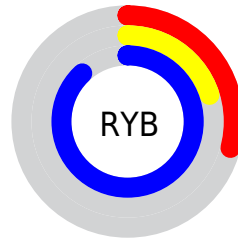
Distribution



Red (29%)

Green (20%)

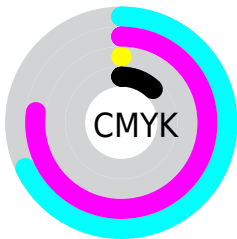
Blue (88%)



Red (29%)

Yellow (20%)

Blue (88%)

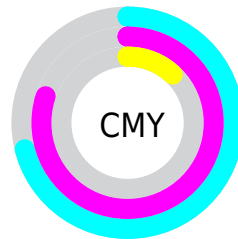


Cyan (68%)

Magenta (77%)

Yellow (0%)

Black (12%)



Cyan (71%)















Magenta (80%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4933E1 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 4933E1 by changing the saturation by 10% instead.

 4933E1	 4933E1
 FFFFFFFF	 1719C4
 8D66FF	 0000A8
 AC80FF	 00008D
 CB9BFF	 000072
 EAB6FF	 000C58
 FFD2FF	 000740
 FFEFFF	 000329
	 000113
	 000000

■ 4933E1

■ 4933E1

■ 351CE1

■ 5D49E1

■ 2206E1

■ 7060E1

■ 1C00E1

■ 8476E1

■ 988DE1

■ ABA3E1

■ BFB AE1

■ D3D0E1

■ E6E7E1

■ FAFDE1

Harmonies

Analogous

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



0060FF



4933E1



BA009D

Triad

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



4933E1



9D3000



007162

Complementary

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



4933E1



CBE133

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.



006E00



4933E1



5D5800

Square

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



4933E1



CA0000



006800



0073B4

Rectangle

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



4933E1



D40068



006800



007045

Sweetspot

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



4933E1



CCC4FF



33CDE1



605C80



000000



808080

Same Dimension

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



4933E1



3012FF



9E33E1



666570



1600B0



060030

Inverse Universe

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



E133CB



FF12E1



76E133



70656F



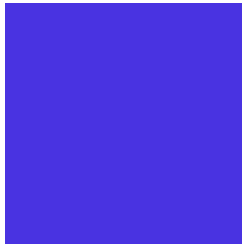
B0009A



30002A

Previews

White Background



This preview shows how the Hex color 4933E1 looks on a white background.

Color Contrast Check

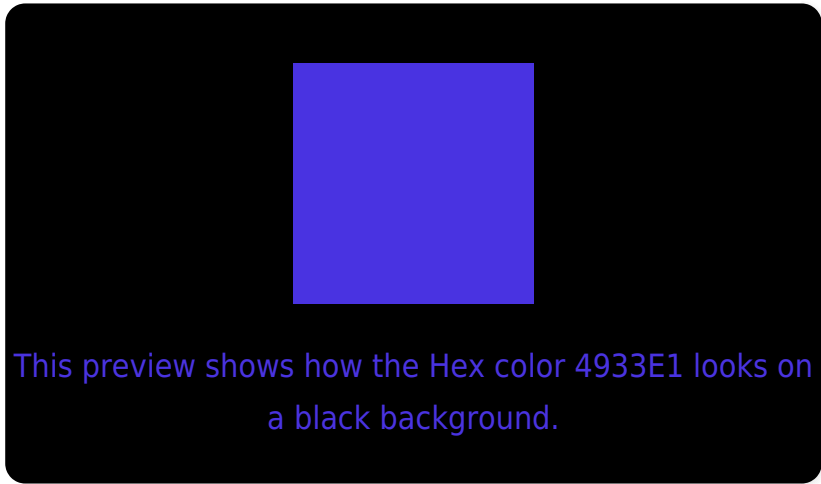
Large Text (above 18pt) WCAG AA ✓ Pass

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

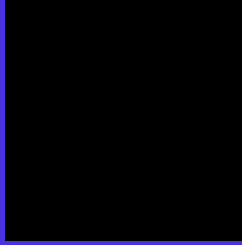
Any Text WCAG AA × Fail

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 4933E1 Background



This preview shows how black text looks on a background with the Hex color 4933E1.

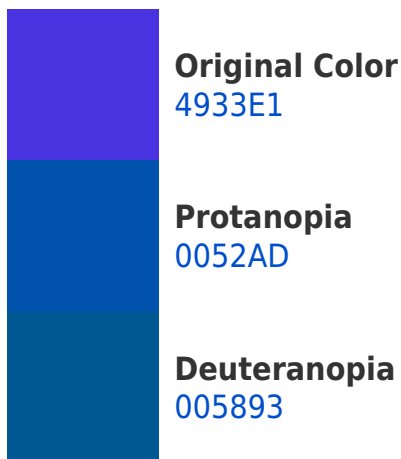


This preview shows how white text looks on a background with the Hex color 4933E1.

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](#).

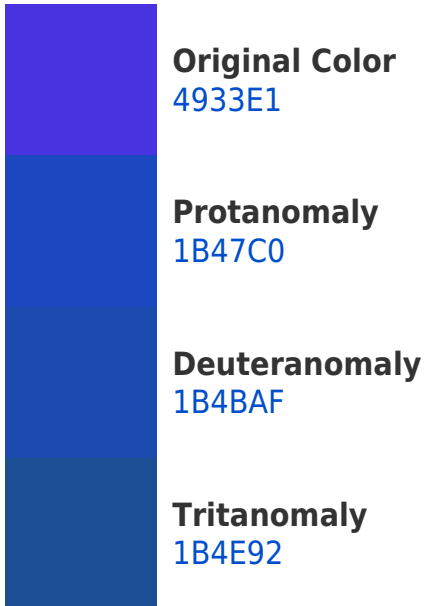
Dichromacy





Tritanopia
005E65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4933E1 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 #4933E1 looks like.

```
.text, #text, p{  
    color:#4933E1  
}
```

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 #4933E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4933E1
}
```

Border

The CSS property to change the border of an element to Hex 4933E1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

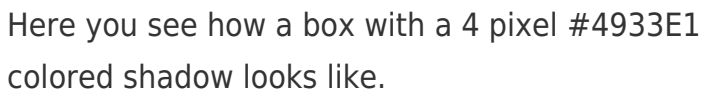
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4933E1 }
```

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

```
.border{ border-color:#4933E1 }
```

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



Here you see how a box with a 4 pixel #4933E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4933E1; -webkit-box-shadow:4px 4px  
4px 4px #4933E1; box-shadow:4px 4px 4px  
4px #4933E1 }
```

Background

The CSS property to change the background color of an element to Hex 4933E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4933E1 }
```

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

```
.background{ background-color:#4933E1 }
```

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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