

Converting Colors

Hex(5933E3)

Have a look what the booklet for
Hex(5933E3) contains.

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Color

Hex(5933E3)

Conversions

Conversions Part 1

Format	Color
Hex	5933E3
RGB	89, 51, 227
RGB Percent	35%, 20%, 89%
CMY	0.6510, 0.8000, 0.1098
CMYK	0.61, 0.78, 0.00, 0.11
HSL	253°, 76%, 55%
HSV	253°, 78%, 89%
XYZ	19.1688, 10.0376, 73.6002
YIQ	82.4260, -33.8480, 62.7920

Conversions

Conversions Part 2

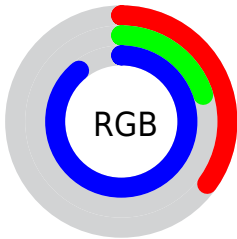
Format	Color
R _Y B	89, 51, 227
Decimal	5845987
CIE Lab	37.91, 60.85, -82.58
CIE LCh	38, 102.573, 306.385
Yxy	10.0376, 0.1865, 0.0976
Android (android.graphics.Color)	4284036067 (0xFF5933E3)
YUV	82.4260, 71.2750, 5.7654
Hunter-Lab	31.6821, 52.5551, -115.5582

Details

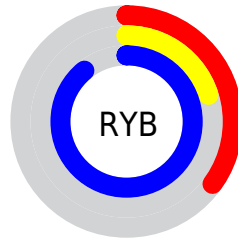
The Hex color **5933E3** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **BDE333**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **9967FF**, and **0000AA** is the 20% darker color. If you saturate the color by 10%, you get **471CE3**, and if you desaturate by 10%, it is **6B4AE3**.

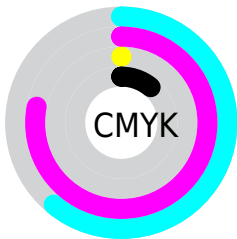
Distribution



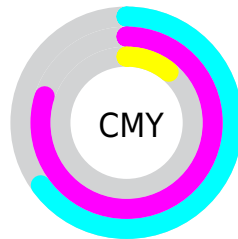
- Red (35%)
- Green (20%)
- Blue (89%)



- Red (35%)
- Yellow (20%)
- Blue (89%)



- Cyan (61%)
- Magenta (78%)
- Yellow (0%)
- Black (11%)



- Cyan (65%)
- Magenta (80%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5933E3 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 5933E3 by changing the saturation by 10% instead.

■ 5933E3

■ 5933E3

FFFFFF

■ 3318C6

■ 9967FF

■ 0000AA

■ B881FF

■ 00008F

■ D79CFF

■ 000074

■ F6B8FF

■ 00065A

■ FFD4FF

■ 000742

■ FFF1FF

■ 00032B

■ 000115

■ 000000

■ 5933E3

■ 5933E3

■ 471CE3

■ 6B4AE3

■ 3506E3

■ 7D60E3

■ 3100E3

■ 8E77E3

■ A08EE3

■ B2A4E3

■ C4BBE3

■ D6D2E3

■ E7E9E3

■ F9FFE3

Harmonies

Analogous

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



0062FF



5933E3



C2009E

Triad

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



5933E3



A03700



00756A

Complementary

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



5933E3



BDE333

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.



007202



5933E3



5E5D00

Square

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



5933E3



CE0000



006C00



0077BC

Rectangle

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



5933E3



DA0067



006C00



00744D

Sweetspot

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



5933E3



D1C4FF



33C0E3



645C80



000000



808080

Same Dimension

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



5933E3



4512FF



AE33E3



6A6773



2700B3



0B0033

Inverse Universe

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



E333BD



FF12CC



68E333



736770



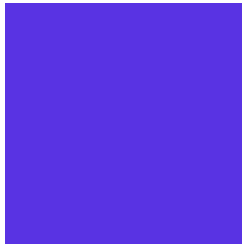
B3008C



330028

Previews

White Background



This preview shows how the Hex color 5933E3 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

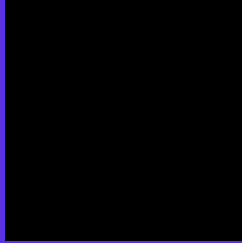
Any Text WCAG AA × Fail

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 5933E3 Background



This preview shows how black text looks on a background with the Hex color 5933E3.

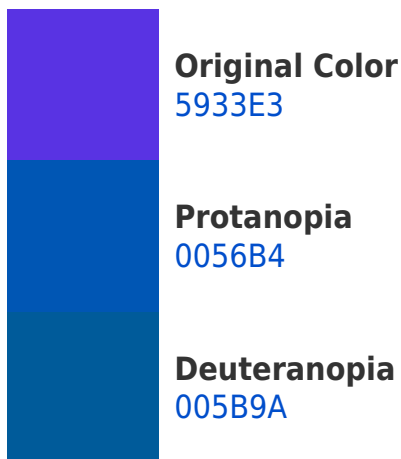



This preview shows how white text looks on a background with the Hex color 5933E3.

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
1A626A

Trichromacy



Original Color
5933E3



Protanomaly
2049C5



Deuteranomaly
204CB5



Tritanomaly
315196

Monochromacy



Original Color
5933E3



Achromatopsia
525252



Achromatomaly
554787

CSS Examples

Text

The CSS property to change the color of the text to Hex 5933E3 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 #5933E3 looks like.

```
.text, #text, p{  
    color:#5933E3  
}
```

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 #5933E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5933E3
}
```

Border

The CSS property to change the border of an element to Hex 5933E3 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".

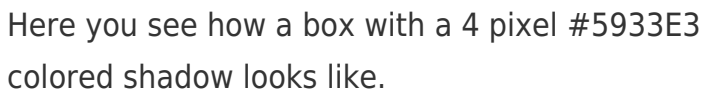
```
.border, #border, table{ border:4px solid
#5933E3 }
```

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

```
.border{ border-color:#5933E3 }
```

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

Here you see how a box with a 4 pixel #5933E3 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 #5933E3; -webkit-box-shadow:4px 4px  
4px 4px #5933E3; box-shadow:4px 4px 4px  
4px #5933E3 }
```

Background

The CSS property to change the background color of an element to Hex 5933E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5933E3 }
```

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

```
.background{ background-color:#5933E3 }
```

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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