

Converting Colors

Hex(5900E2)

Have a look what the booklet for
Hex(5900E2) contains.

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Color

Hex(5900E2)

Conversions

Conversions Part 1

Format	Color
Hex	5900E2
RGB	89, 0, 226
RGB Percent	35%, 0%, 89%
CMY	0.6510, 1.0000, 0.1137
CMYK	0.61, 1.00, 0.00, 0.11
HSL	264°, 100%, 44%
HSV	264°, 100%, 89%
XYZ	17.8473, 7.6148, 72.4807
YIQ	52.3750, -19.5020, 89.1540

Conversions

Conversions Part 2

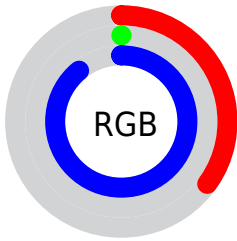
Format	Color
R _{YB}	89, 0, 226
Decimal	5832930
CIE Lab	33.17, 74.39, -89.86
CIE LCh	33, 116.654, 309.620
Yxy	7.6148, 0.1822, 0.0777
Android (android.graphics.Color)	4284023010 (0xFF5900E2)
YUV	52.3750, 85.5971, 32.1201
Hunter-Lab	27.5950, 67.1551, -136.4139

Details

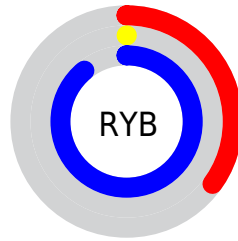
The Hex color **5900E2** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **89E200**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **9B4AFF**, and **0000A9** is the 20% darker color. If you saturate the color by 10%, you get **5900E2**, and if you desaturate by 10%, it is **6717E2**.

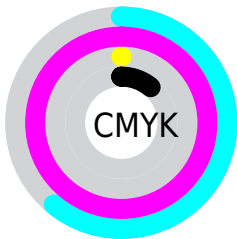
Distribution



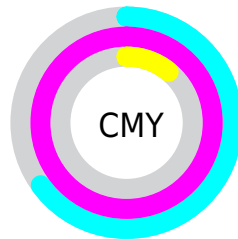
- Red (35%)
- Green (0%)
- Blue (89%)



- Red (35%)
- Yellow (0%)
- Blue (89%)



- Cyan (61%)
- Magenta (100%)
- Yellow (0%)
- Black (11%)



- Cyan (65%)
- Magenta (100%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5900E2 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 5900E2 by changing the saturation by 10% instead.

5900E2

5900E2

FFFFFF

3100C5

9B4AFF

0000A9

BA66FF

00008D

DA82FF

000073

F99EFF

000B59

FFBAFF

000740

FFD7FF

000329

FFF5FF

000113

000000

 5900E2

 6717E2

 742DE2

 8244E2

 905AE2

 9D71E2

 AB88E2

 B99EE2

 C7B5E2

 D4CBE2

Harmonies

Analogous

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



0058FF



5900E2



C60091

Triad

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



5900E2



902B00



00696B

Complementary

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



5900E2



89E200

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



5900E2



445500

Square

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



5900E2



C50000



006300



006DC6

Rectangle

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



5900E2



DC0054



006300



00694B

Sweetspot

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



5900E2



D1B3FF



008BE2



645280



000000



808080

Same Dimension

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



5900E2



6400FF



C800E2



696570



4500B0



130030

Inverse Universe

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



E20089



FF009B



1AE200



70656C



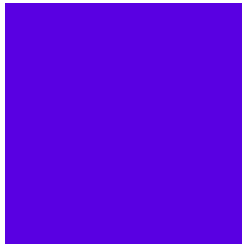
B0006B



30001D

Previews

White Background



This preview shows how the Hex color 5900E2 looks on a white background.

Color Contrast Check

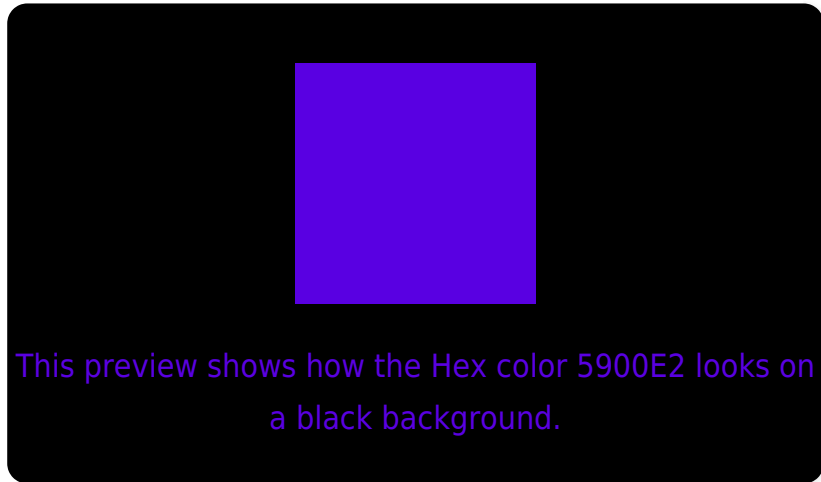
Large Text (above 18pt) WCAG AA ✓ Pass

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 5900E2 Background



This preview shows how black text looks on a background with the Hex color 5900E2.



This preview shows how white text looks on a background with the Hex color 5900E2.

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



Original Color
5900E2

Protanopia
004DA1

Deuteranopia
005289



Tritanopia
13585F

Trichromacy



Original Color
5900E2

Protanomaly
2031B9

Deuteranomaly
2034A9

Tritanomaly
2C388F

Monochromacy



Original Color
5900E2

Achromatopsia
343434

Achromatomaly
412173

CSS Examples

Text

The CSS property to change the color of the text to Hex 5900E2 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 #5900E2 looks like.

```
.text, #text, p{  
    color:#5900E2  
}
```

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 #5900E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5900E2
}
```

Border

The CSS property to change the border of an element to Hex 5900E2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

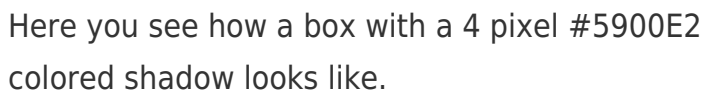
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5900E2 }
```

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

```
.border{ border-color:#5900E2 }
```

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



Here you see how a box with a 4 pixel #5900E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5900E2; -webkit-box-shadow:4px 4px  
4px 4px #5900E2; box-shadow:4px 4px 4px  
4px #5900E2 }
```

Background

The CSS property to change the background color of an element to Hex 5900E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5900E2 }
```

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

```
.background{ background-color:#5900E2 }
```

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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