

Converting Colors

Hex(4900ED)

Have a look what the booklet for
Hex(4900ED) contains.

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Color

Hex(4900ED)

Conversions

Conversions Part 1

Format	Color
Hex	4900ED
RGB	73, 0, 237
RGB Percent	29%, 0%, 93%
CMY	0.7137, 1.0000, 0.0706
CMYK	0.69, 1.00, 0.00, 0.07
HSL	258°, 100%, 46%
HSV	258°, 100%, 93%
XYZ	18.0337, 7.5309, 80.6239
YIQ	48.8450, -32.5690, 89.1830

Conversions

Conversions Part 2

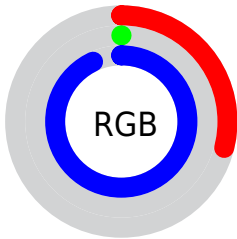
Format	Color
RYB	73, 0, 237
Decimal	4784365
CIELab	32.99, 76.16, -96.48
CIELCh	33, 122.920, 308.289
Yxy	7.5309, 0.1698, 0.0709
Android (android.graphics.Color)	4282974445 (0xFF4900ED)
YUV	48.8450, 92.7604, 21.1839
Hunter-Lab	27.4425, 69.2763, -154.9798

Details

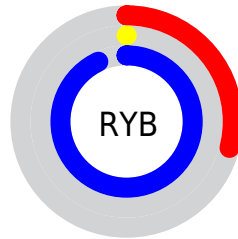
The Hex color **4900ED** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed blue. A complement of this color would be **A4ED00**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **9149FF**, and **0000B3** is the 20% darker color. If you saturate the color by 10%, you get **4900ED**, and if you desaturate by 10%, it is **5918ED**.

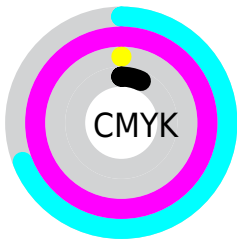
Distribution



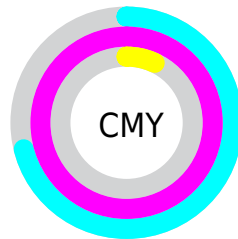
- Red (29%)
- Green (0%)
- Blue (93%)



- Red (29%)
- Yellow (0%)
- Blue (93%)



- Cyan (69%)
- Magenta (100%)
- Yellow (0%)
- Black (7%)



- Cyan (71%)
- Magenta (100%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4900ED 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 4900ED by changing the saturation by 10% instead.

 4900ED

 4900ED

FFFFFF

 0900D0

 9149FF

 0000B3

 B165FF

 000097

 D281FF

 00007C

 F19DFF

 000D62

 FFB9FF

 000949

 FFD6FF

 000432

 FFF4FF

 00011C

 000000

 4900ED

 5918ED

 6A2FED

 7A47ED

 8B5FED

 9B76ED

 AB8EED

 BCA6ED

 CCB EED

 DDD5ED

Harmonies

Analogous

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



005AFF



4900ED



C90098

Triad

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



4900ED



952300



006968

Complementary

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



4900ED



A4ED00

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



4900ED



475400

Square

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



4900ED



CC0000



006200



006DC9

Rectangle

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



4900ED



E10059



006200



006846

Sweetspot

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



4900ED



CAB3FF



00A6ED



605280



000000



808080

Same Dimension

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



4900ED



4F00FF



BE00ED



6D6A75



3800B5



100036

Inverse Universe

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



ED00A4



FF00B0



2FED00



756A72



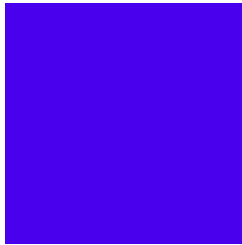
B5007D



360025

Previews

White Background



This preview shows how the Hex color 4900ED looks on a white background.

Color Contrast Check

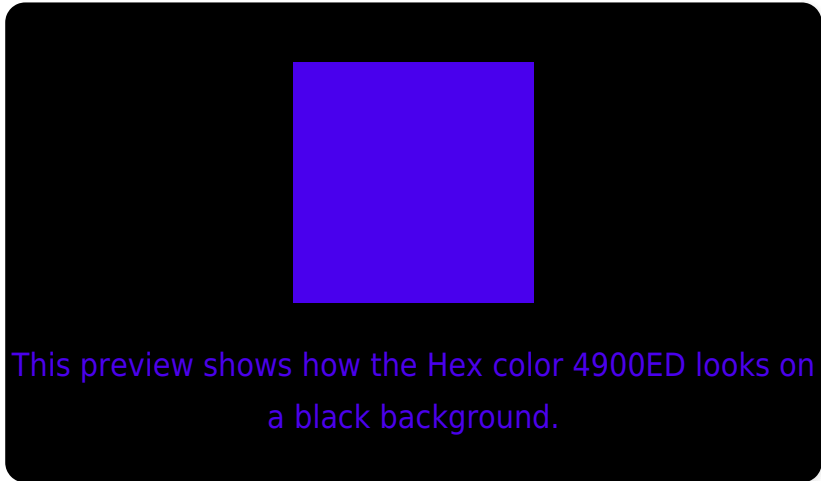
Large Text (above 18pt) WCAG AA ✓ Pass

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 4900ED Background



This preview shows how black text looks on a background with the Hex color 4900ED.



This preview shows how white text looks on a background with the Hex color 4900ED.

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
4900ED

Protanopia
004CA0

Deuteranopia
005188

Trichromacy



Original Color
4900ED

Protanomaly
1B30BC

Deuteranomaly
1B34AD

Tritanomaly
1B3791

Monochromacy



Original Color
4900ED

Achromatopsia
313131

Achromatomaly
3A1F75

CSS Examples

Text

The CSS property to change the color of the text to Hex 4900ED 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 #4900ED looks like.

```
.text, #text, p{  
    color:#4900ED  
}
```

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 #4900ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4900ED  
}
```

Border

The CSS property to change the border of an element to Hex 4900ED is called "border". The border property can be set on classes, ids or directly on the HTML element.

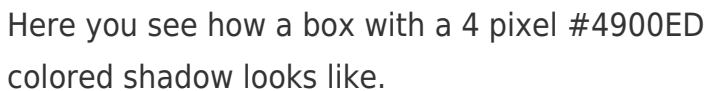
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4900ED }
```

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

```
.border{ border-color:#4900ED }
```

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



Here you see how a box with a 4 pixel #4900ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4900ED; -webkit-box-shadow:4px 4px  
4px 4px #4900ED; box-shadow:4px 4px 4px  
4px #4900ED }
```

Background

The CSS property to change the background color of an element to Hex 4900ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4900ED }
```

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

```
.background{ background-color:#4900ED }
```

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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