

Converting Colors

Hex(4927EE)

Have a look what the booklet for
Hex(4927EE) contains.

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Color

Hex(4927EE)

Conversions

Conversions Part 1

Format	Color
Hex	4927EE
RGB	73, 39, 238
RGB Percent	29%, 15%, 93%
CMY	0.7137, 0.8471, 0.0667
CMYK	0.69, 0.84, 0.00, 0.07
HSL	250°, 85%, 54%
HSV	250°, 84%, 93%
XYZ	18.9058, 9.0406, 81.6375
YIQ	71.8520, -43.6150, 69.0970

Conversions

Conversions Part 2

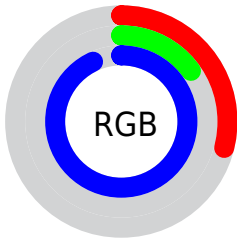
Format	Color
R_{YB}	73, 39, 238
Decimal	4794350
CIE _{Lab}	36.06, 67.46, -91.93
CIE _{LCh}	36, 114.029, 306.273
Yxy	9.0406, 0.1725, 0.0825
Android (android.graphics.Color)	4282984430 (0xFF4927EE)
YUV	71.8520, 81.9110, 1.0068
Hunter-Lab	30.0675, 59.6187, -139.9333

Details

The Hex color **4927EE** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **CCEE27**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **905DFF**, and **0000B4** is the 20% darker color. If you saturate the color by 10%, you get **350FEE**, and if you desaturate by 10%, it is **5D3FEE**.

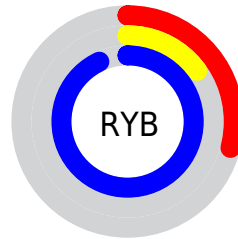
Distribution



Red (29%)

Green (15%)

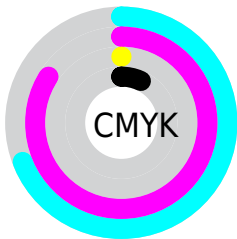
Blue (93%)



Red (29%)

Yellow (15%)

Blue (93%)

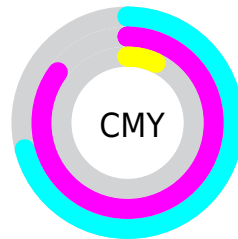


Cyan (69%)

Magenta (84%)

Yellow (0%)

Black (7%)



Cyan (71%)

Magenta (85%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4927EE 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 4927EE by changing the saturation by 10% instead.

 4927EE

 4927EE

FFFFFF

 0E04D1

 905DFF

 0000B4

 B077FF

 000099

 D092FF

 00007D

 EFAEFF

 000A63

 FFCAFF

 00094A

 FFE7FF

 000433

 00021D

 000000

■ 4927EE

■ 4927EE

■ 350FEE

■ 5D3FEE

■ 2900EE

■ 7057EE

■ 846EEE

■ 9886EE

■ AC9EEE

■ BFB6EE

■ D3CEEE

■ E7E5EE

■ FBFDEE

Harmonies

Analogous

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



0061FF



4927EE



C600A1

Triad

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



4927EE



9F2B00



007167

Complementary

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



4927EE



CCEE27

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



4927EE



575900

Square

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



4927EE



D20000



006900



0074C2

Rectangle

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



4927EE



E10065



006900



007047

Sweetspot

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



4927EE



CABFFF



27CDEE



605980



000000



808080

Same Dimension

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



4927EE



2C00FF



AC27EE



6E6C78



1F00B8



0A0038

Inverse Universe

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



EE27CC



FF00D3



69EE27



786C76



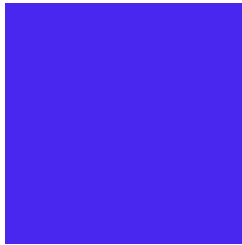
B80098



38002F

Previews

White Background



This preview shows how the Hex color 4927EE looks on a white background.

Color Contrast Check

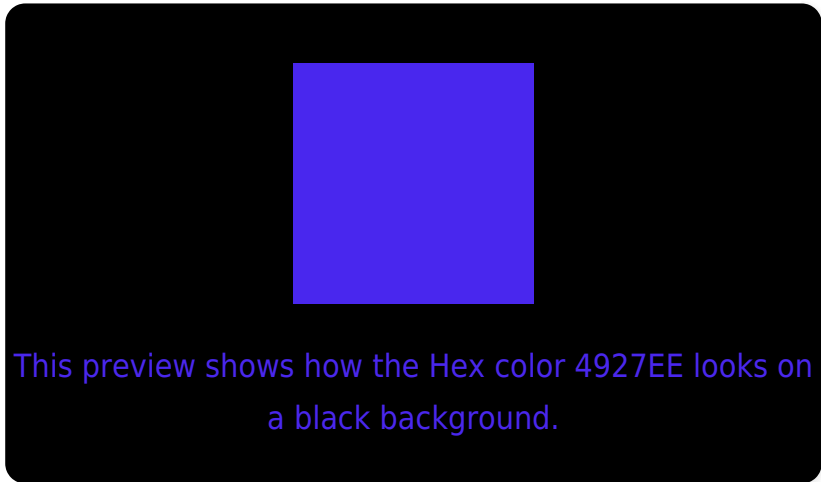
Large Text (above 18pt) WCAG AA ✓ Pass

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

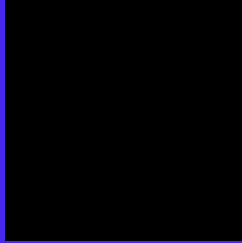
Any Text WCAG AA × Fail

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 4927EE Background



This preview shows how black text looks on a background with the Hex color 4927EE.



This preview shows how white text looks on a background with the Hex color 4927EE.

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](#).

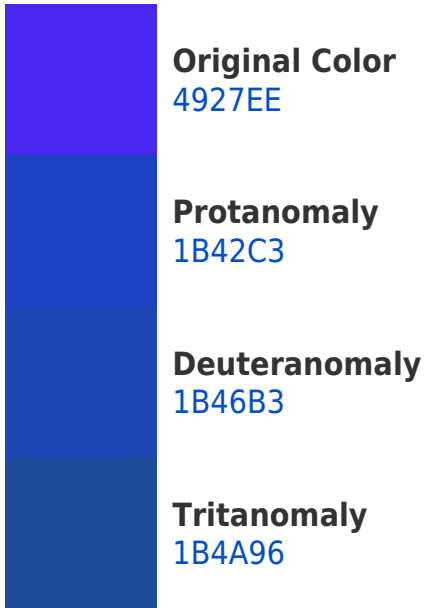
Dichromacy





Tritanopia
005E63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4927EE 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 #4927EE looks like.

```
.text, #text, p{  
    color:#4927EE  
}
```

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 #4927EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4927EE
}
```

Border

The CSS property to change the border of an element to Hex 4927EE 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
#4927EE }
```

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

```
.border{ border-color:#4927EE }
```

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

Here you see how a box with a 4 pixel #4927EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4927EE; -webkit-box-shadow:4px 4px  
4px 4px #4927EE; box-shadow:4px 4px 4px  
4px #4927EE }
```

Background

The CSS property to change the background color of an element to Hex 4927EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4927EE }
```

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

```
.background{ background-color:#4927EE }
```

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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