

Converting Colors

Hex(4902FD)

Have a look what the booklet for
Hex(4902FD) contains.

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Color

Hex(4902FD)

Conversions

Conversions Part 1

Format	Color
Hex	4902FD
RGB	73, 2, 253
RGB Percent	29%, 1%, 99%
CMY	0.7137, 0.9922, 0.0078
CMYK	0.71, 0.99, 0.00, 0.01
HSL	257°, 98%, 50%
HSV	257°, 99%, 99%
XYZ	20.4990, 8.5517, 93.4987
YIQ	51.8430, -38.2550, 93.1130

Conversions

Conversions Part 2

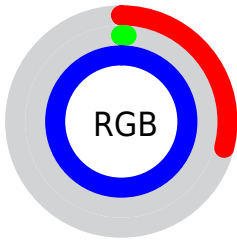
Format	Color
R_{YB}	73, 2, 253
Decimal	4784893
CIE _{Lab}	35.11, 79.56, -101.98
CIE _{LCh}	35, 129.347, 307.959
Yxy	8.5517, 0.1673, 0.0698
Android (android.graphics.Color)	4282974973 (0xFF4902FD)
YUV	51.8430, 99.1704, 18.5547
Hunter-Lab	29.2433, 73.9490, -169.0955

Details

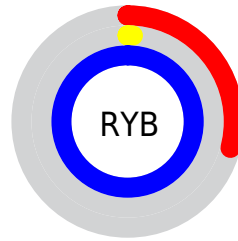
The Hex color **4902FD** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **B6FD02**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **944CFF**, and **0000C2** is the 20% darker color. If you saturate the color by 10%, you get **4800FD**, and if you desaturate by 10%, it is **5B1BFD**.

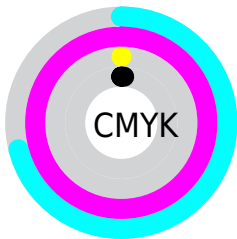
Distribution



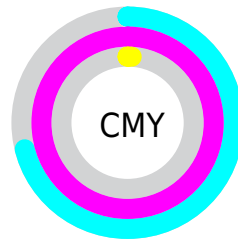
- Red (29%)
- Green (1%)
- Blue (99%)



- Red (29%)
- Yellow (1%)
- Blue (99%)



- Cyan (71%)
- Magenta (99%)
- Yellow (0%)
- Black (1%)



- Cyan (71%)
- Magenta (99%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4902FD 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 4902FD by changing the saturation by 10% instead.

 4902FD

 4902FD

FFFFFF

 0000DF

 944CFF

 0000C2

 B568FF

 0000A6

 D684FF

 00008B

 F6A0FF

 000970

 FFBDFD

 000C56

 FFDAFF

 00063E

 FFF7FF

 000327

 000111

 4902FD

 4902FD

 4800FD

 5B1BFD

 6D35FD

 7F4EFD

 9267FD

 A481FD

 B69AFD

 C8B3FD

 DACCFD

 ECE6FD

Harmonies

Analogous

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



0060FF



4902FD



D500A3

Triad

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



4902FD



9F2400



00706D

Complementary

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



4902FD



B6FD02

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.



006D00



4902FD



4C5900

Square

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



4902FD



D90000



006900



0074D4

Rectangle

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



4902FD



EF005F



006900



006F49

Sweetspot

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



4902FD



C8B3FF



02BAFD



5F5280



000000



808080

Same Dimension

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



4902FD



4800FF



C202FD



767380



3600BF



120040

Inverse Universe

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



FD02B6



FF00B7



3DFD02



80737C



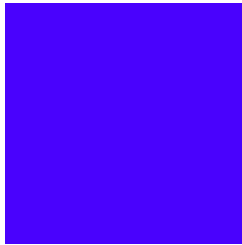
BF0089



40002E

Previews

White Background



This preview shows how the Hex color 4902FD looks on a white background.

Color Contrast Check

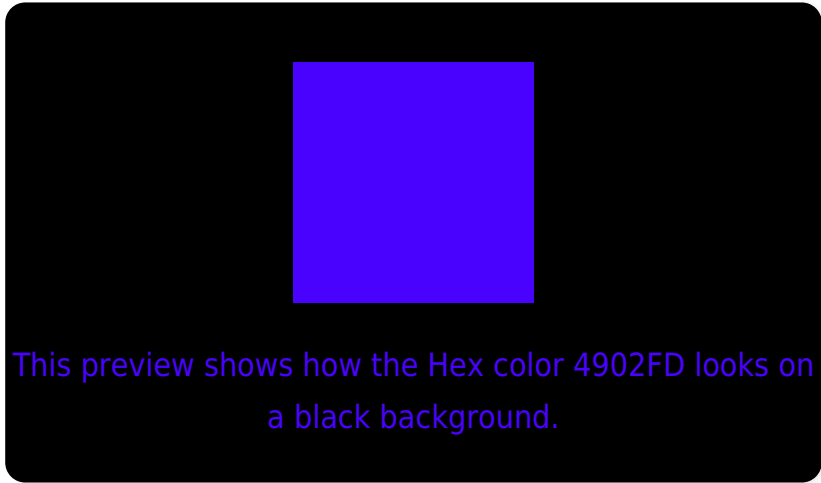
Large Text (above 18pt) WCAG AA ✓ Pass

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 4902FD Background



This preview shows how black text looks on a background with the Hex color 4902FD.

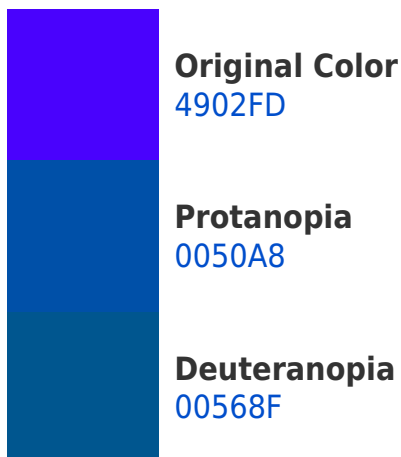


This preview shows how white text looks on a background with the Hex color 4902FD.

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
005C62

Trichromacy



Original Color
4902FD

Protanomaly
1B34C7

Deuteranomaly
1B37B7

Tritanomaly
1B3B9A

Monochromacy



Original Color
4902FD

Achromatopsia
343434

Achromatomaly
3C227D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4902FD 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 #4902FD looks like.

```
.text, #text, p{  
    color:#4902FD  
}
```

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 #4902FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4902FD
}
```

Border

The CSS property to change the border of an element to Hex 4902FD 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
#4902FD }
```

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

```
.border{ border-color:#4902FD }
```

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

Here you see how a box with a 4 pixel #4902FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4902FD; -webkit-box-shadow:4px 4px  
4px 4px #4902FD; box-shadow:4px 4px 4px  
4px #4902FD }
```

Background

The CSS property to change the background color of an element to Hex 4902FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4902FD }
```

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

```
.background{ background-color:#4902FD }
```

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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