

Converting Colors

Hex(4B87FF)

Have a look what the booklet for
Hex(4B87FF) contains.

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Color

Hex(4B87FF)

Conversions

Conversions Part 1

Format	Color
Hex	4B87FF
RGB	75, 135, 255
RGB Percent	29%, 53%, 100%
CMY	0.7059, 0.4706, 0.0000
CMYK	0.71, 0.47, 0.00, 0.00
HSL	220°, 100%, 65%
HSV	220°, 71%, 100%
XYZ	29.6156, 26.0438, 98.0738
YIQ	130.7400, -74.2800, 24.6000

Conversions

Conversions Part 2

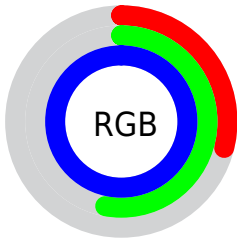
Format	Color
RYB	75, 120, 255
Decimal	4950015
CIELab	58.08, 19.67, -65.43
CIELCh	58, 68.320, 286.731
Yxy	26.0438, 0.1926, 0.1694
Android (android.graphics.Color)	4283140095 (0xFF4B87FF)
YUV	130.7400, 61.2602, -48.8840
Hunter-Lab	51.0331, 14.2794, -78.2184

Details

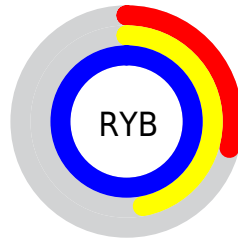
The Hex color **4B87FF** is a light color, and the websafe version is hex **6699FF**. The color can be described as light washed azure. A complement of this color would be **FFC34B**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **8FBCFF**, and **0056C5** is the 20% darker color. If you saturate the color by 10%, you get **3276FF**, and if you desaturate by 10%, it is **6598FF**.

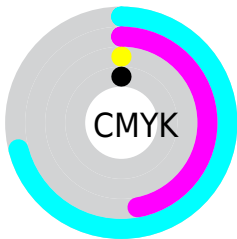
Distribution



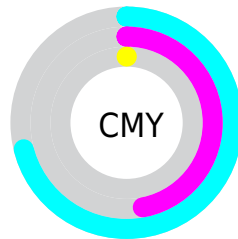
- Red (29%)
- Green (53%)
- Blue (100%)



- Red (29%)
- Yellow (47%)
- Blue (100%)



- Cyan (71%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B87FF 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 4B87FF by changing the saturation by 10% instead.

 4B87FF

 4B87FF

FFFFFF

 196EE2

 8FBCFF

 0056C5

 AED7FF

 0040AA

 CDF4FF

 002B8E

 ECFFFF

 001974

 00055B

 000742

 00032B

 000115

 4B87FF

 4B87FF

 3276FF

 6598FF

 1865FF

 7EA9FF

 0055FF

 98BAFF

 B1CBFF

 CBDCCF

 E4EDFF

FEFEFF

FFFFFF

Harmonies

Analogous

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



009AFF



4B87FF



B86BDE

Triad

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



4B87FF



E46535



00A56E

Complementary

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



4B87FF



FFC34B

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.



3D9F32



4B87FF



BD7F00

Square

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



4B87FF



F54E6D



889300



00A7AC

Rectangle

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



4B87FF



DD58BC



889300



00A459

Sweetspot

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



4B87FF



C9DBFF



4BFFC3



606A80



000000



808080

Same Dimension

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



4B87FF



266EFF



694BFF



737780



0040BF



001540

Inverse Universe

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



FF4B87



FF266E



E1FF4B



807377



BF0040



400015

Previews

White Background



This preview shows how the Hex color 4B87FF looks on a white background.

Color Contrast Check

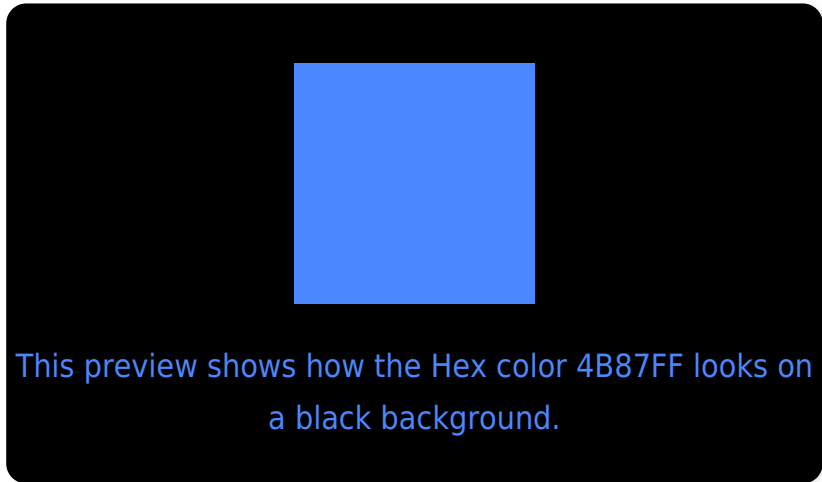
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

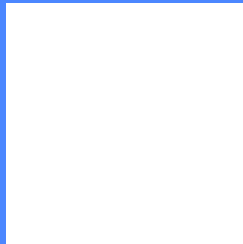
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4B87FF Background



This preview shows how black text looks on a background with the Hex color 4B87FF.

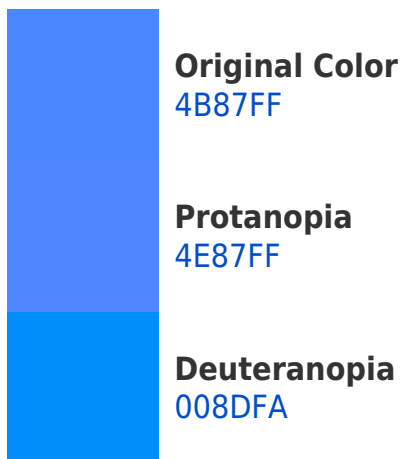


This preview shows how white text looks on a background with the Hex color 4B87FF.

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](#).

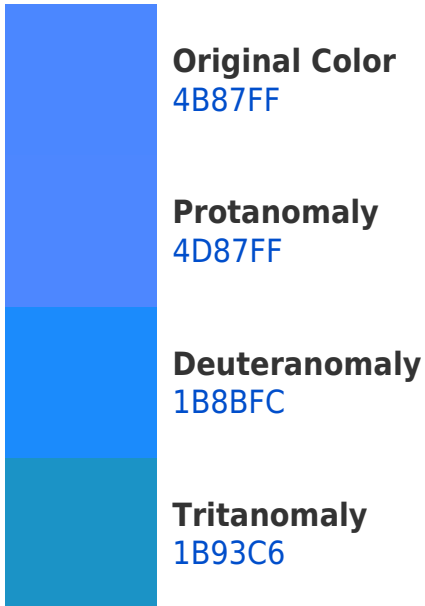
Dichromacy





Tritanopia
009AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B87FF 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 #4B87FF looks like.

```
.text, #text, p{  
    color:#4B87FF  
}
```

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 #4B87FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B87FF
}
```

Border

The CSS property to change the border of an element to Hex 4B87FF 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
#4B87FF }
```

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

```
.border{ border-color:#4B87FF }
```

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

Here you see how a box with a 4 pixel #4B87FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B87FF; -webkit-box-shadow:4px 4px  
4px 4px #4B87FF; box-shadow:4px 4px 4px  
4px #4B87FF }
```

Background

The CSS property to change the background color of an element to Hex 4B87FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B87FF }
```

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

```
.background{ background-color:#4B87FF }
```

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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