

Converting Colors

Hex(497AFE)

Have a look what the booklet for
Hex(497AFE) contains.

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Color

Hex(497AFE)

Conversions

Conversions Part 1

Format	Color
Hex	497AFE
RGB	73, 122, 254
RGB Percent	29%, 48%, 100%
CMY	0.7137, 0.5216, 0.0039
CMYK	0.71, 0.52, 0.00, 0.00
HSL	224°, 99%, 64%
HSV	224°, 71%, 100%
XYZ	27.5966, 22.4913, 96.6527
YIQ	122.3970, -71.5760, 30.6640

Conversions

Conversions Part 2

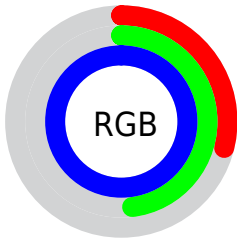
Format	Color
R _Y B	73, 112, 254
Decimal	4815614
CIE Lab	54.54, 27.02, -70.58
CIE LCh	55, 75.578, 290.945
Yxy	22.4913, 0.1881, 0.1533
Android (android.graphics.Color)	4283005694 (0xFF497AFE)
YUV	122.3970, 64.8803, -43.3212
Hunter-Lab	47.4250, 20.8754, -87.6362

Details

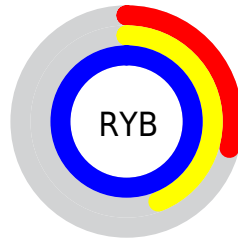
The Hex color **497AFE** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **FECD49**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **8EAEFF**, and **004AC4** is the 20% darker color. If you saturate the color by 10%, you get **3067FE**, and if you desaturate by 10%, it is **628DFE**.

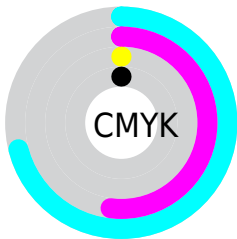
Distribution



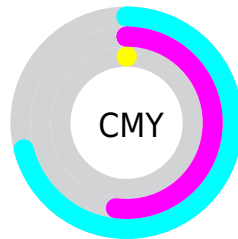
- Red (29%)
- Green (48%)
- Blue (100%)



- Red (29%)
- Yellow (44%)
- Blue (100%)



- Cyan (71%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (52%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 497AFE 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 497AFE by changing the saturation by 10% instead.

 497AFE

 497AFE

FFFFFF

 1362E1

 8EAEFF

 004AC4

 ADC9FF

 0035A8


 CCE5FF

 00218D

 EBFFFF

 000F73

 000A59

 000741

 00032A

 000114

■ 497AFE

■ 497AFE

■ 3067FE

■ 628DFE

■ 1655FE

■ 7C9FFE

■ 0045FE

■ 95B2FE

■ AFC4FE

■ C8D7FE

■ E1E9FE

■ FBFCFE

FFFFFE

Harmonies

Analogous

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



0090FF



497AFE



BC58D6

Triad

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



497AFE



DB5A17



009E6C

Complementary

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



497AFE



FECD49

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.



009825



497AFE



AE7900

Square

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



497AFE



F33858



728D00



009FB0

Rectangle

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



497AFE



E03FAF



728D00



009C55

Sweetspot

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



497AFE



C9D8FF



49FECB



606880



000000



808080

Same Dimension

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



497AFE



245FFF



7049FE



737680



0034BF



001140

Inverse Universe

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



FE497A



FF245F



D7FE49



807376



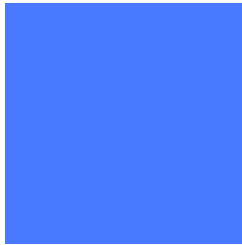
BF0034



400011

Previews

White Background



This preview shows how the Hex color 497AFE looks on a white background.

Color Contrast Check

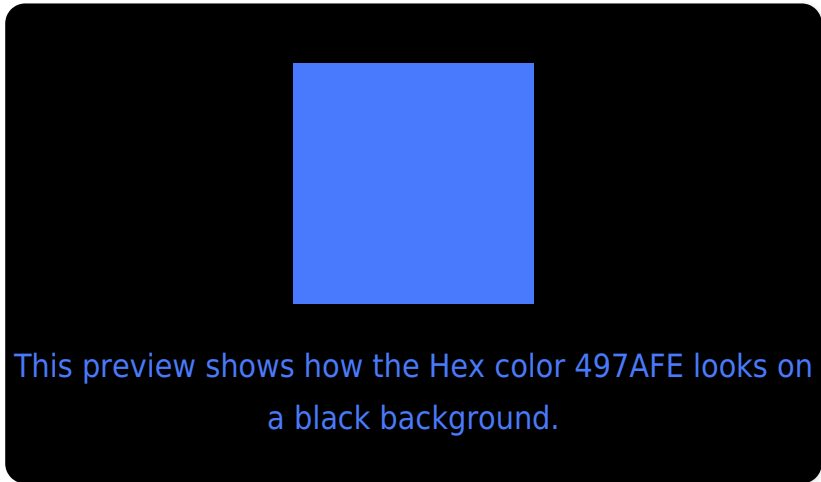
Large Text (above 18pt) WCAG AA ✓ Pass

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

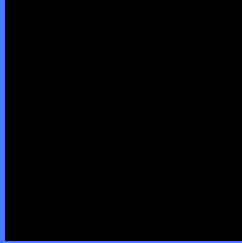
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

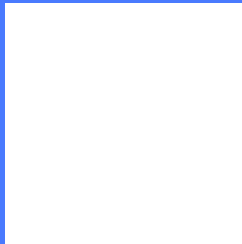
Any Text WCAG AAA × Fail

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

Hex 497AFE Background



This preview shows how black text looks on a background with the Hex color 497AFE.

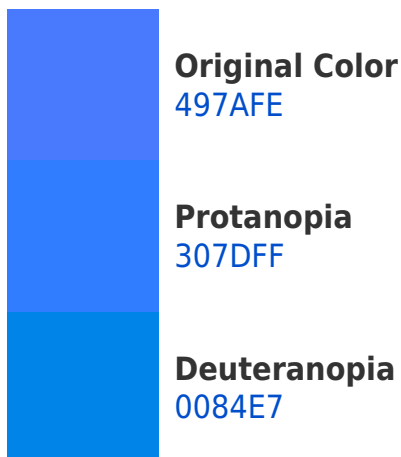


This preview shows how white text looks on a background with the Hex color 497AFE.

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](#).

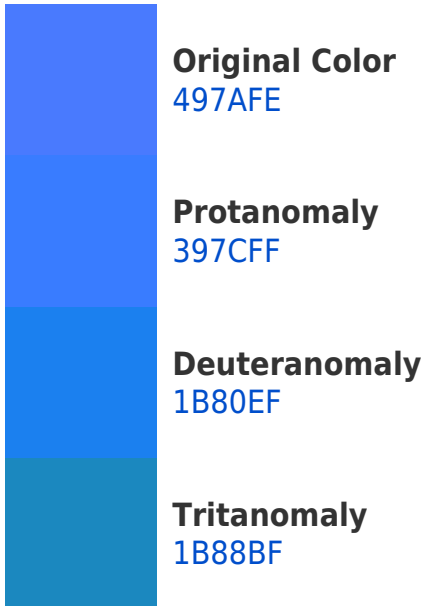
Dichromacy



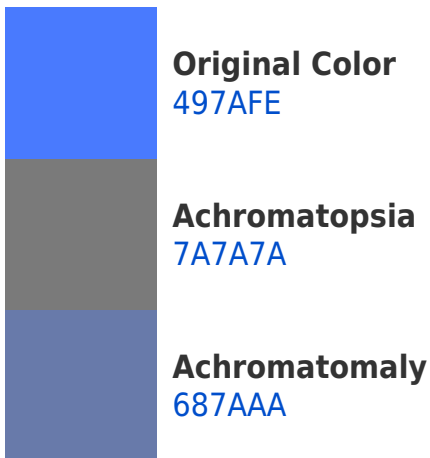


Tritanopia
00909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 497AFE 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 #497AFE looks like.

```
.text, #text, p{  
    color:#497AFE  
}
```

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 #497AFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #497AFE
}
```

Border

The CSS property to change the border of an element to Hex 497AFE 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
#497AFE }
```

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

```
.border{ border-color:#497AFE }
```

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

Here you see how a box with a 4 pixel #497AFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #497AFE; -webkit-box-shadow:4px 4px  
4px 4px #497AFE; box-shadow:4px 4px 4px  
4px #497AFE }
```

Background

The CSS property to change the background color of an element to Hex 497AFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#497AFE }
```

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

```
.background{ background-color:#497AFE }
```

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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