

Converting Colors

Hex(497FF2)

Have a look what the booklet for
Hex(497FF2) contains.

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Color

Hex(497FF2)

Conversions

Conversions Part 1

Format	Color
Hex	497FF2
RGB	73, 127, 242
RGB Percent	29%, 50%, 95%
CMY	0.7137, 0.5020, 0.0510
CMYK	0.70, 0.48, 0.00, 0.05
HSL	221°, 87%, 62%
HSV	221°, 70%, 95%
XYZ	26.3640, 23.0060, 87.0555
YIQ	123.9640, -69.0990, 24.3170

Conversions

Conversions Part 2

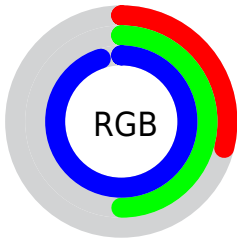
Format	Color
R _Y B	73, 114, 242
Decimal	4816882
CIE Lab	55.08, 19.71, -63.08
CIE LCh	55, 66.086, 287.352
Yxy	23.0060, 0.1932, 0.1686
Android (android.graphics.Color)	4283006962 (0xFF497FF2)
YUV	123.9640, 58.1917, -44.6954
Hunter-Lab	47.9646, 14.1756, -74.0358

Details

The Hex color **497FF2** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **F2BC49**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **8BB3FF**, and **004FB9** is the 20% darker color. If you saturate the color by 10%, you get **316FF2**, and if you desaturate by 10%, it is **618FF2**.

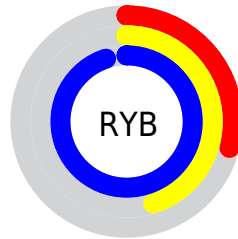
Distribution



Red (29%)

Green (50%)

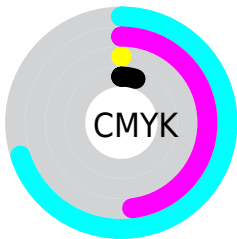
Blue (95%)



Red (29%)

Yellow (45%)

Blue (95%)

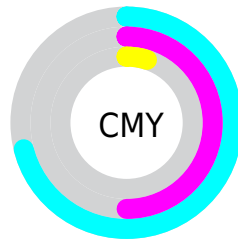


Cyan (70%)

Magenta (48%)

Yellow (0%)

Black (5%)



Cyan (71%)

Magenta (50%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 497FF2 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 497FF2 by changing the saturation by 10% instead.

 497FF2

 497FF2

FFFFFF

 1966D5

 8BB3FF

 004FB9

 AACFFF

 00399E

 C9EBFF

 002583


 E8FFFF

 001269

 000A50

 000538

 000222

 000007

■ 497FF2

■ 497FF2

■ 316FF2

■ 618FF2

■ 195EF2

■ 79A0F2

■ 004EF2

■ 92B0F2

■ 004DF2

■ AAC1F2

■ C2D1F2

■ DAE2F2

■ F2F2F2

■ FFFFF2

Harmonies

Analogous

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



0091F4



497FF2



AF64D2

Triad

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



497FF2



D85F30



009C69

Complementary

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



497FF2



F2BC49

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.



36972F



497FF2



B27800

Square

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



497FF2



E94965



7F8B00



009EA4

Rectangle

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



497FF2



D352B1



7F8B00



009B55

Sweetspot

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



497FF2



C9DBFF



49F2BA



606A80



000000



808080

Same Dimension

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



497FF2



296DFF



6549F2



6C7078



003BB8



001238

Inverse Universe

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



F2497F



FF296D



D6F249



786C70



B8003B



380012

Previews

White Background



This preview shows how the Hex color 497FF2 looks on a white background.

Color Contrast Check

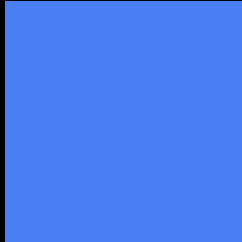
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 497FF2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

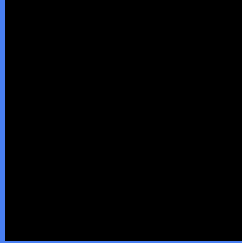
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

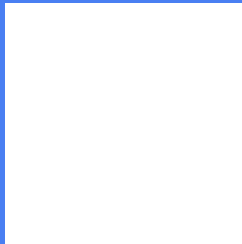
Any Text WCAG AAA × Fail

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

Hex 497FF2 Background



This preview shows how black text looks on a background with the Hex color 497FF2.



This preview shows how white text looks on a background with the Hex color 497FF2.

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](#).

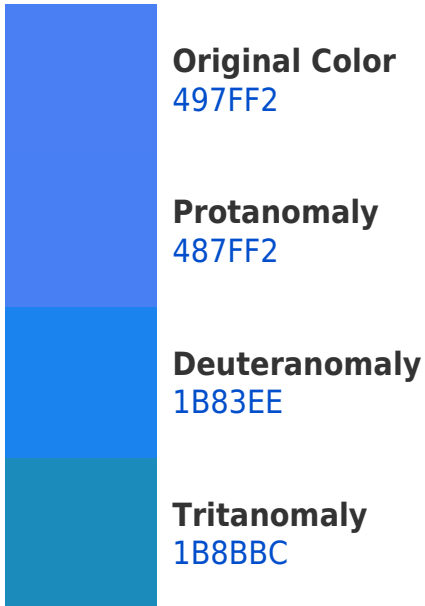
Dichromacy



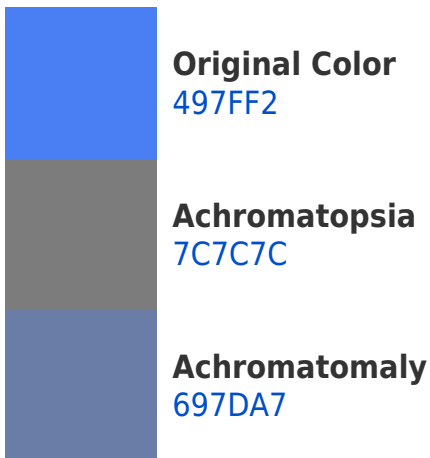


Tritanopia
00929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 497FF2 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 #497FF2 looks like.

```
.text, #text, p{  
    color:#497FF2  
}
```

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 #497FF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #497FF2
}
```

Border

The CSS property to change the border of an element to Hex 497FF2 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
#497FF2 }
```

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

```
.border{ border-color:#497FF2 }
```

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

Here you see how a box with a 4 pixel #497FF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #497FF2; -webkit-box-shadow:4px 4px  
4px 4px #497FF2; box-shadow:4px 4px 4px  
4px #497FF2 }
```

Background

The CSS property to change the background color of an element to Hex 497FF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#497FF2 }
```

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

```
.background{ background-color:#497FF2 }
```

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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