

# Converting Colors

Hex(447FA1)

Have a look what the booklet for  
Hex(447FA1) contains.

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# Color

**Hex(447FA1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	447FA1
RGB	68, 127, 161
RGB Percent	27%, 50%, 63%
CMY	0.7333, 0.5020, 0.3686
CMYK	0.58, 0.21, 0.00, 0.37
HSL	202°, 41%, 45%
HSV	202°, 58%, 63%
XYZ	16.4063, 18.9809, 36.5172
YIQ	113.2350, -46.0780, -1.9340

# Conversions

## Conversions Part 2

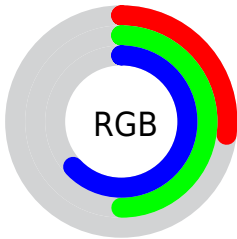
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	68, 104, 161
Decimal	4489121
CIE Lab	50.66, -8.95, -24.02
CIE LCh	51, 25.631, 249.553
Yxy	18.9809, 0.2282, 0.2640
Android (android.graphics.Color)	4282679201 (0xFF447FA1)
YUV	113.2350, 23.5481, -39.6711
Hunter-Lab	43.5671, -9.0237, -19.1989

# Details

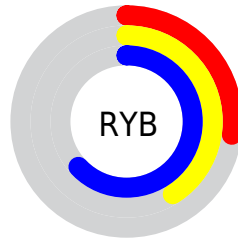
The Hex color **447FA1** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **A16644**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **7BB4D8**, and **004E6D** is the 20% darker color. If you saturate the color by 10%, you get **3479A1**, and if you desaturate by 10%, it is **5485A1**.

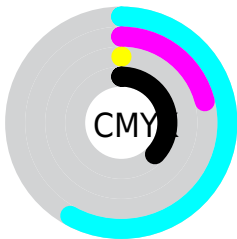
# Distribution



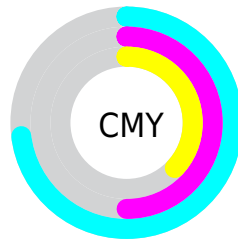
- Red (27%)
- Green (50%)
- Blue (63%)



- Red (27%)
- Yellow (41%)
- Blue (63%)



- Cyan (58%)
- Magenta (21%)
- Yellow (0%)
- Black (37%)



- Cyan (73%)
- Magenta (50%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 447FA1 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 447FA1 by changing the saturation by 10% instead.



■ 447FA1

■ 447FA1

FFFFFF

■ 266687

■ 7BB4D8

■ 004E6D

■ 97CFF4

■ 003755

■ B3EBFF

■ 00223D

■ D0FFFF

■ 000728

■ EDFFFF

■ 000112

■ 000000

■ 447FA1

■ 447FA1

■ 3479A1

■ 5485A1

■ 2473A1

■ 648BA1

■ 146DA1

■ 7491A1

■ 0467A1

■ 8497A1

■ 0066A1

■ 959CA1

■ A5A2A1

■ B5A8A1

■ C5AEA1

■ D5B4A1

# Harmonies

## Analogous

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



2E8394



447FA1



6678A3

# Triad

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



447FA1



A46872



698056

# Complementary

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



447FA1



A16644

# 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.



817A4D



447FA1



A16B5E

# Square

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



447FA1



9A6A88



947250



4F8369

# Rectangle

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



447FA1



7B739F



947250



717E52



# Sweetspot

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



447FA1



AEC4D1



44A165



546169



E8E8E8



696969



# Same Dimension

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



447FA1



419CD1



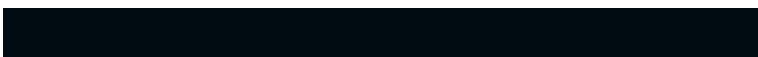
4452A1



494F52



005C91



000B12



# Inverse Universe

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



A1447F



D1419C



A19344



52494F



91005C



12000B



# Previews

## White Background



This preview shows how the Hex color 447FA1 looks on a white background.

## Color Contrast Check

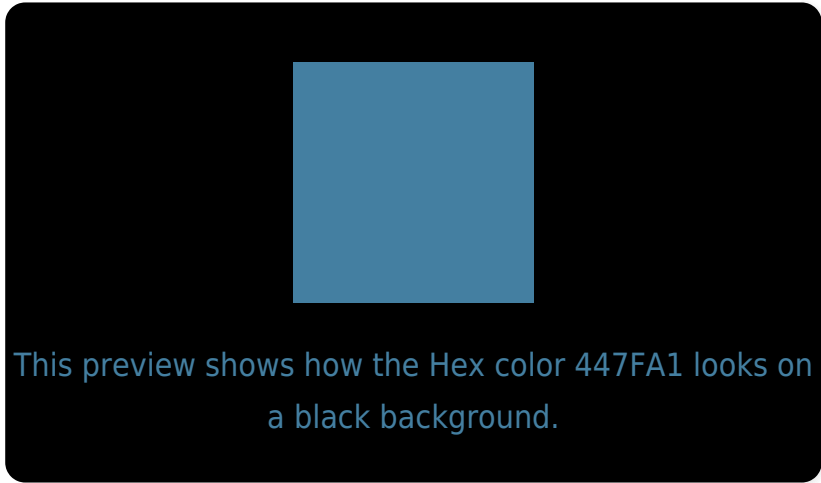
Large Text (above 18pt) WCAG AA ✓ Pass

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

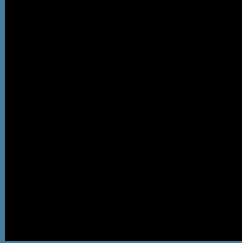
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 447FA1 Background



This preview shows how black text looks on a background with the Hex color 447FA1.

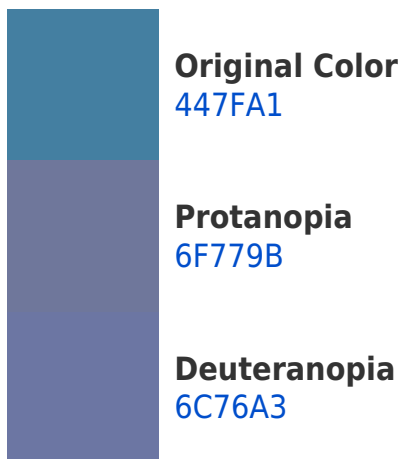


This preview shows how white text looks on a background with the Hex color 447FA1.

# 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](#).

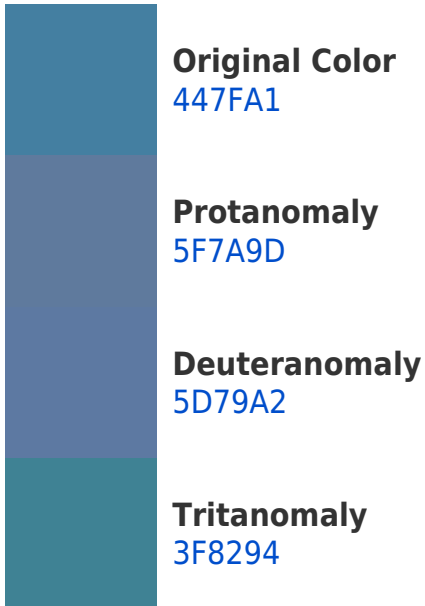
## Dichromacy



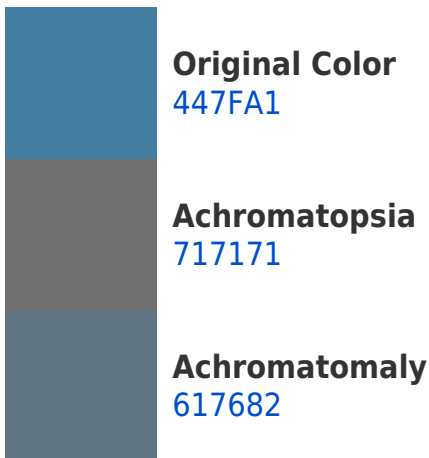


**Tritanopia**  
3C838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 447FA1 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 #447FA1 looks like.

```
.text, #text, p{  
    color:#447FA1  
}
```

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 #447FA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #447FA1
}
```

## Border

The CSS property to change the border of an element to Hex 447FA1 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
#447FA1 }
```

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

```
.border{ border-color:#447FA1 }
```

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

Here you see how a box with a 4 pixel #447FA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #447FA1; -webkit-box-shadow:4px 4px  
4px 4px #447FA1; box-shadow:4px 4px 4px  
4px #447FA1 }
```

# Background

The CSS property to change the background color of an element to Hex 447FA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#447FA1 }
```

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

```
.background{ background-color:#447FA1 }
```

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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