

# Converting Colors

Hex(477FF5)

Have a look what the booklet for  
Hex(477FF5) contains.

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# Color

Hex(477FF5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	477FF5
RGB	71, 127, 245
RGB Percent	28%, 50%, 96%
CMY	0.7216, 0.5020, 0.0392
CMYK	0.71, 0.48, 0.00, 0.04
HSL	221°, 90%, 62%
HSV	221°, 71%, 96%
XYZ	26.6693, 23.1109, 89.4414
YIQ	123.7080, -71.2540, 24.8260

# Conversions

## Conversions Part 2

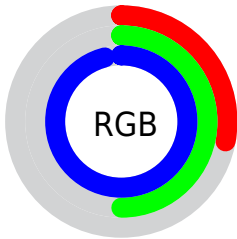
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	71, 113, 245
Decimal	4685813
CIE Lab	55.19, 20.50, -64.57
CIE LCh	55, 67.748, 287.612
Yxy	23.1109, 0.1916, 0.1660
Android (android.graphics.Color)	4282875893 (0xFF477FF5)
YUV	123.7080, 59.7970, -46.2249
Hunter-Lab	48.0738, 14.8952, -76.6575

# Details

The Hex color **477FF5** 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 **F5BD47**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **8AB3FF**, and **004FBC** is the 20% darker color. If you saturate the color by 10%, you get **2F6EF5**, and if you desaturate by 10%, it is **6090F5**.

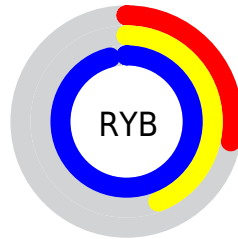
# Distribution



Red (28%)

Green (50%)

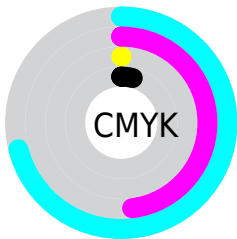
Blue (96%)



Red (28%)

Yellow (44%)

Blue (96%)

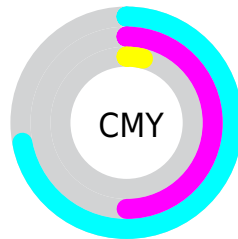


Cyan (71%)

Magenta (48%)

Yellow (0%)

Black (4%)



Cyan (72%)

Magenta (50%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 477FF5 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 477FF5 by changing the saturation by 10% instead.



 477FF5

 477FF5

FFFFFF

 1366D8

 8AB3FF

 004FBC

 A9CFFF

 0039A0

 C8EBFF

 002585

 E7FFFF

 00136B

 000B52

 00063A

 000224

 00000B

■ 477FF5

■ 477FF5

■ 2F6EF5

■ 6090F5

■ 165EF5

■ 78A0F5

■ 004FF5

■ 91B1F5

■ A9C1F5

■ C2D2F5

■ DAE3F5

■ F3F3F5

■ FFFFF5

# Harmonies

## Analogous

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



0092F7



477FF5



B163D4

# Triad

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



477FF5



DA5E2D



009D69

# Complementary

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



477FF5



F5BD47

# 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.



31972D



477FF5



B37900

# Square

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



477FF5



EB4664



7E8C00



009FA6

# Rectangle

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



477FF5



D550B2



7E8C00



009C55



# Sweetspot

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



477FF5



C9DBFF



47F5BB



606A80



000000



808080



# Same Dimension

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



477FF5



266CFF



6447F5



6E727A



003CBA



00133B



# Inverse Universe

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



F5477F



FF266C



D8F547



7A6E72



BA003C



3B0013



# Previews

## White Background



This preview shows how the Hex color 477FF5 looks on a white background.

## Color Contrast Check

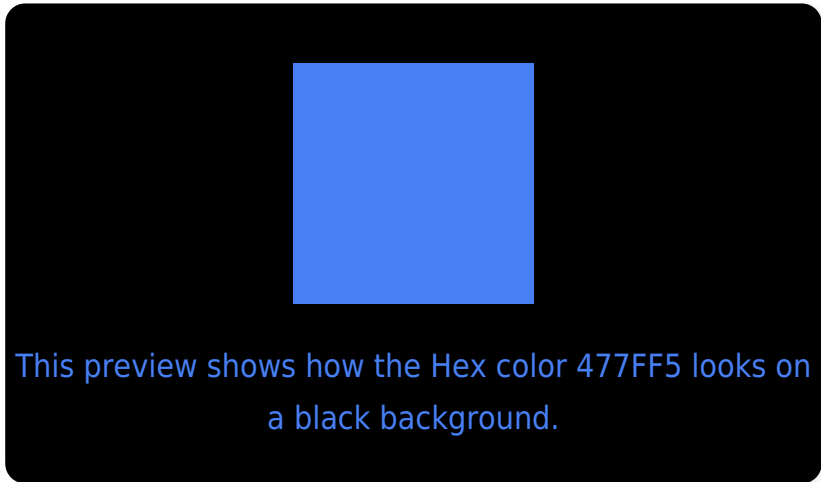
Large Text (above 18pt) WCAG AA ✓ Pass

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

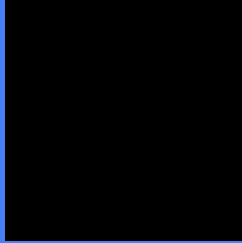
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

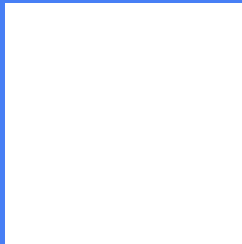
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 477FF5 Background



This preview shows how black text looks on a background with the Hex color 477FF5.



This preview shows how white text looks on a background with the Hex color 477FF5.

# 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](#).

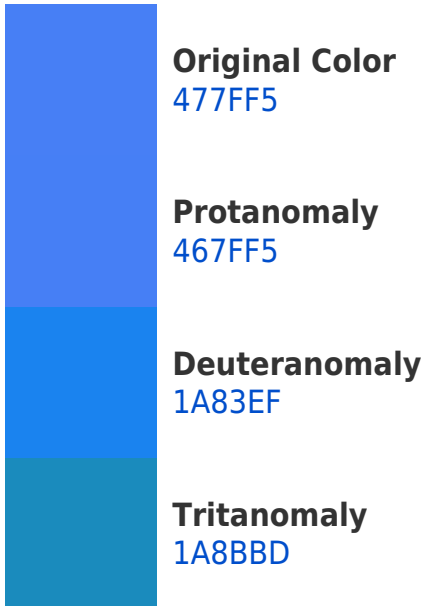
## Dichromacy



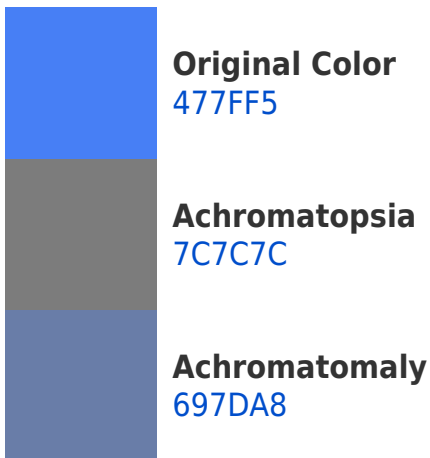


**Tritanopia**  
00929D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 477FF5 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 #477FF5 looks like.

```
.text, #text, p{  
    color:#477FF5  
}
```

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 #477FF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #477FF5
}
```

## Border

The CSS property to change the border of an element to Hex 477FF5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

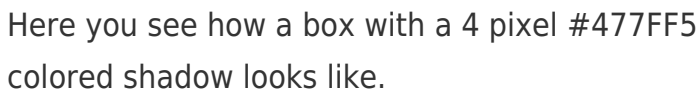
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#477FF5 }
```

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

```
.border{ border-color:#477FF5 }
```

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



Here you see how a box with a 4 pixel #477FF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #477FF5; -webkit-box-shadow:4px 4px  
4px 4px #477FF5; box-shadow:4px 4px 4px  
4px #477FF5 }
```

# Background

The CSS property to change the background color of an element to Hex 477FF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#477FF5 }
```

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

```
.background{ background-color:#477FF5 }
```

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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