

Converting Colors

Hex(427FF7)

Have a look what the booklet for
Hex(427FF7) contains.

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Color

Hex(427FF7)

Conversions

Conversions Part 1

Format	Color
Hex	427FF7
RGB	66, 127, 247
RGB Percent	26%, 50%, 97%
CMY	0.7412, 0.5020, 0.0314
CMYK	0.73, 0.49, 0.00, 0.03
HSL	220°, 92%, 61%
HSV	220°, 73%, 97%
XYZ	26.6246, 23.0524, 91.0420
YIQ	122.4410, -74.8760, 24.3880

Conversions

Conversions Part 2

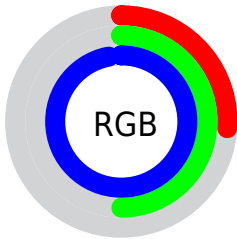
Format	Color
R _{YB}	66, 112, 247
Decimal	4358135
CIE Lab	55.13, 20.57, -65.79
CIE LCh	55, 68.930, 287.367
Yxy	23.0524, 0.1892, 0.1638
Android (android.graphics.Color)	4282548215 (0xFF427FF7)
YUV	122.4410, 61.4076, -49.4988
Hunter-Lab	48.0129, 14.9612, -78.8165

Details

The Hex color **427FF7** 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 **F7BA42**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **87B3FF**, and **004FBE** is the 20% darker color. If you saturate the color by 10%, you get **296FF7**, and if you desaturate by 10%, it is **5B8FF7**.

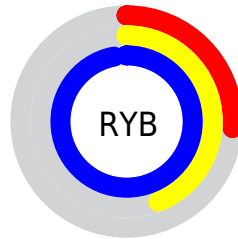
Distribution



Red (26%)

Green (50%)

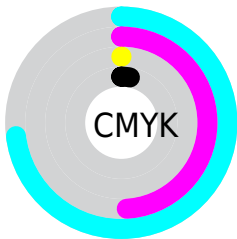
Blue (97%)



Red (26%)

Yellow (44%)

Blue (97%)

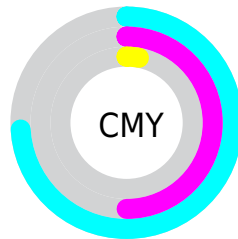


Cyan (73%)

Magenta (49%)

Yellow (0%)

Black (3%)



Cyan (74%)

Magenta (50%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 427FF7 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 427FF7 by changing the saturation by 10% instead.

■ 427FF7

FFFFFF

■ 87B3FF

■ A7CEFF

■ C6EBFF

■ E5FFFF

■ 427FF7

■ 0066DA

■ 004FBE

■ 0039A2

■ 002587

■ 00136D

■ 000B54

■ 00063C

■ 000225

■ 00010D

■ 427FF7

■ 427FF7

■ 296FF7

■ 5B8FF7

■ 115EF7

■ 73A0F7

■ 0053F7

■ 8CB0F7

■ A5C1F7

■ BED1F7

■ D6E1F7

■ EFF2F7

■ FFFFF7

Harmonies

Analogous

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



0092F9



427FF7



B163D6

Triad

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



427FF7



DB5D2C



009D68

Complementary

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



427FF7



F7BA42

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.



2F972A



427FF7



B47800

Square

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



427FF7



ED4464



7E8C00



009FA6

Rectangle

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



427FF7



D64FB3



7E8C00



009C53

Sweetspot

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



427FF7



C7DAFF



42F7B8



5E6A80



000000



808080

Same Dimension

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



427FF7



1F6AFF



5D42F7



6E727A



003FBA



00143B

Inverse Universe

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



F7427F



FF1F6A



DCF742



7A6E72



BA003F



3B0014

Previews

White Background



This preview shows how the Hex color 427FF7 looks on a white background.

Color Contrast Check

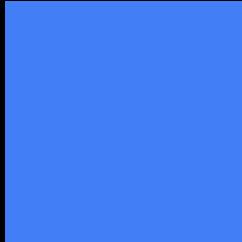
Large Text (above 18pt) WCAG AA ✓ Pass

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 427FF7 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

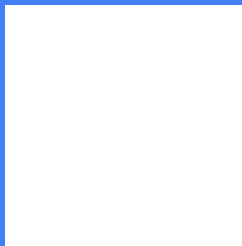
Any Text WCAG AAA × Fail

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

Hex 427FF7 Background



This preview shows how black text looks on a background with the Hex color 427FF7.



This preview shows how white text looks on a background with the Hex color 427FF7.

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](#).

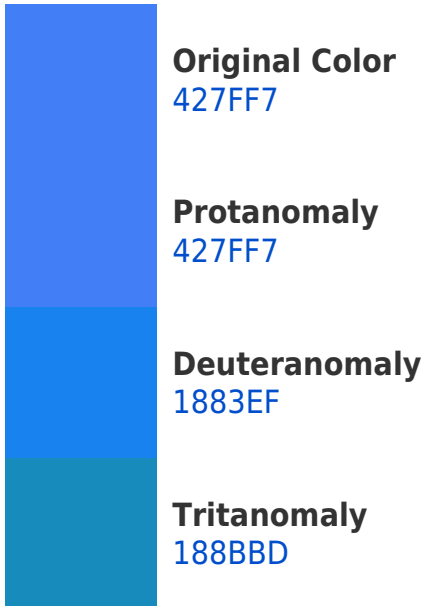
Dichromacy



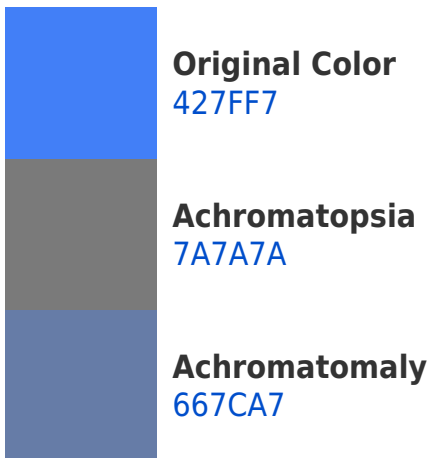


Tritanopia
00929C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 427FF7 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 #427FF7 looks like.

```
.text, #text, p{  
    color:#427FF7  
}
```

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 #427FF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #427FF7
}
```

Border

The CSS property to change the border of an element to Hex 427FF7 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
#427FF7 }
```

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

```
.border{ border-color:#427FF7 }
```

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

Here you see how a box with a 4 pixel #427FF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #427FF7; -webkit-box-shadow:4px 4px  
4px 4px #427FF7; box-shadow:4px 4px 4px  
4px #427FF7 }
```

Background

The CSS property to change the background color of an element to Hex 427FF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#427FF7 }
```

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

```
.background{ background-color:#427FF7 }
```

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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