

Converting Colors

Hex(428FB7)

Have a look what the booklet for
Hex(428FB7) contains.

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Color

Hex(428FB7)

Conversions

Conversions Part 1

Format	Color
Hex	428FB7
RGB	66, 143, 183
RGB Percent	26%, 56%, 72%
CMY	0.7412, 0.4392, 0.2824
CMYK	0.64, 0.22, 0.00, 0.28
HSL	201°, 47%, 49%
HSV	201°, 64%, 72%
XYZ	20.6165, 24.2221, 48.3885
YIQ	124.5370, -58.7320, -3.8840

Conversions

Conversions Part 2

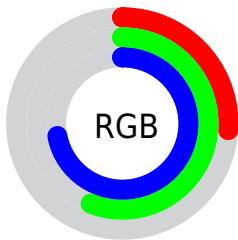
Format	Color
R _Y B	66, 112, 183
Decimal	4362167
CIE Lab	56.31, -11.26, -27.95
CIE LCh	56, 30.135, 248.062
Yxy	24.2221, 0.2211, 0.2598
Android (android.graphics.Color)	4282552247 (0xFF428FB7)
YUV	124.5370, 28.8223, -51.3369
Hunter-Lab	49.2159, -11.3545, -23.8420

Details

The Hex color **428FB7** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B76A42**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **7DC5EF**, and **005D82** is the 20% darker color. If you saturate the color by 10%, you get **3089B7**, and if you desaturate by 10%, it is **5495B7**.

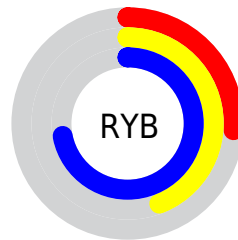
Distribution



Red (26%)

Green (56%)

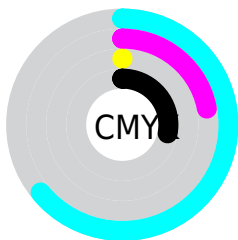
Blue (72%)



Red (26%)

Yellow (44%)

Blue (72%)

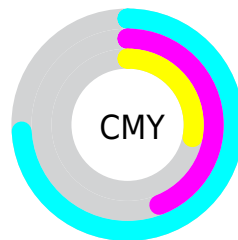


Cyan (64%)

Magenta (22%)

Yellow (0%)

Black (28%)



Cyan (74%)

Magenta (44%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 428FB7 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 428FB7 by changing the saturation by 10% instead.

■ 428FB7

■ 428FB7

FFFFFF

■ 1E759C

■ 7DC5EF

■ 005D82

■ 9AE1FF

■ 004569

■ B7FDFF

■ 002F50

■ D4FFFF

■ 001B39

■ F2FFFF

■ 000223

■ 00000B

■ 000000

■ 428FB7

■ 428FB7

■ 3089B7

■ 5495B7

■ 1D82B7

■ 679CB7

■ 0B7CB7

■ 79A2B7

■ 0078B7

■ 8BA8B7

■ 9EAE B7

■ B0B5B7

■ C2BBB7

■ D4C1B7

■ E7C7B7

Harmonies

Analogous

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



2394A6



428FB7



6D87BB

Triad

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



428FB7



BA7381



758F5D

Complementary

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



428FB7



B76A42

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.



928853



428FB7



B77768

Square

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



428FB7



AE769B



A97F57



559473

Rectangle

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



428FB7



8881B5



A97F57



7F8D58

Sweetspot

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



428FB7



C0DEED



42B769



5C6E78



F7F7F7



787878

Same Dimension

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



428FB7



37AFED



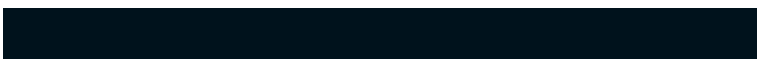
4256B7



53595C



00669C



00121C

Inverse Universe

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



B7428F



ED37AF



B7A442



5C5359



9C0066



1C0012

Previews

White Background



This preview shows how the Hex color 428FB7 looks on a white background.

Color Contrast Check

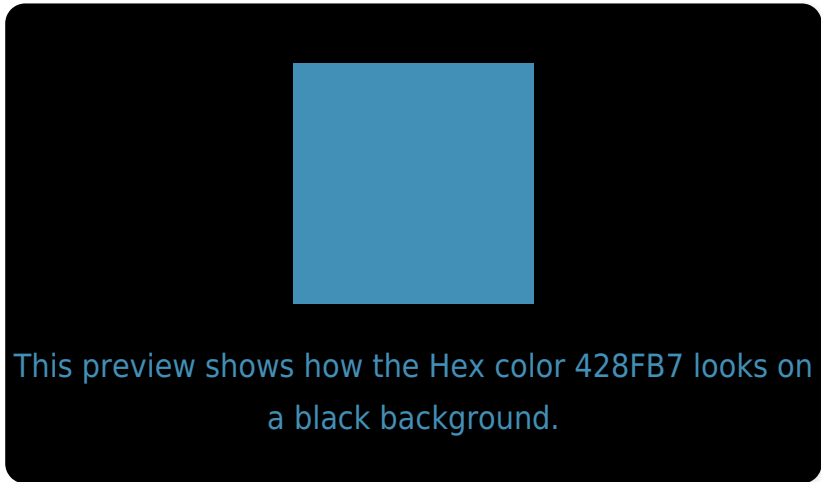
Large Text (above 18pt) WCAG AA ✓ Pass

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

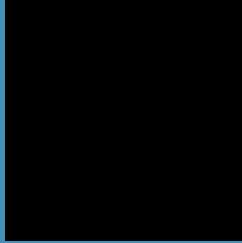
Any Text WCAG AA ✓ Pass

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 428FB7 Background



This preview shows how black text looks on a background with the Hex color 428FB7.

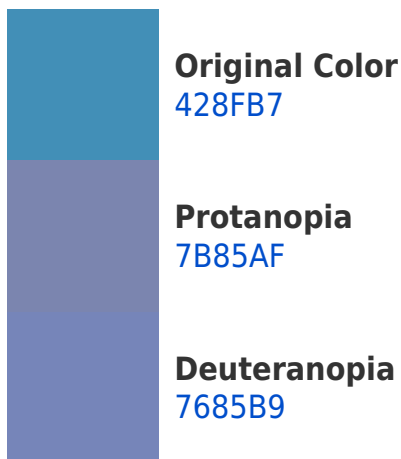


This preview shows how white text looks on a background with the Hex color 428FB7.

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](#).

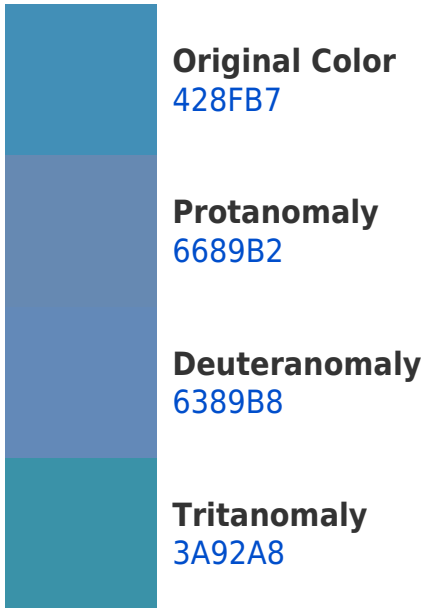
Dichromacy





Tritanopia
36939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 428FB7 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 #428FB7 looks like.

```
.text, #text, p{  
    color:#428FB7  
}
```

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 #428FB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #428FB7
}
```

Border

The CSS property to change the border of an element to Hex 428FB7 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
#428FB7 }
```

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

```
.border{ border-color:#428FB7 }
```

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

Here you see how a box with a 4 pixel #428FB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #428FB7; -webkit-box-shadow:4px 4px  
4px 4px #428FB7; box-shadow:4px 4px 4px  
4px #428FB7 }
```

Background

The CSS property to change the background color of an element to Hex 428FB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#428FB7 }
```

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

```
.background{ background-color:#428FB7 }
```

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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