

Converting Colors

Hex(4681FF)

Have a look what the booklet for
Hex(4681FF) contains.

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Color

Hex(4681FF)

Conversions

Conversions Part 1

Format	Color
Hex	4681FF
RGB	70, 129, 255
RGB Percent	27%, 51%, 100%
CMY	0.7255, 0.4941, 0.0000
CMYK	0.73, 0.49, 0.00, 0.00
HSL	221°, 100%, 64%
HSV	221°, 73%, 100%
XYZ	28.4260, 24.2226, 97.7850
YIQ	125.7230, -75.6100, 26.6780

Conversions

Conversions Part 2

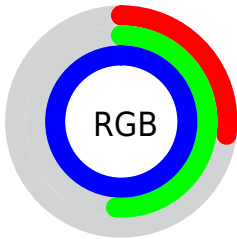
Format	Color
R _Y B	70, 115, 255
Decimal	4620799
CIE Lab	56.31, 22.69, -68.29
CIE LCh	56, 71.959, 288.381
Yxy	24.2226, 0.1890, 0.1610
Android (android.graphics.Color)	4282810879 (0xFF4681FF)
YUV	125.7230, 63.7336, -48.8691
Hunter-Lab	49.2165, 16.9678, -83.3479

Details

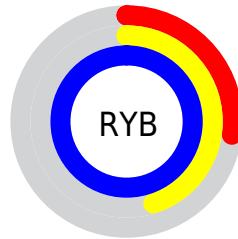
The Hex color **4681FF** is a light color, and the websafe version is hex **3366CC**. The color can be described as light washed azure. A complement of this color would be **FFC446**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **8BB5FF**, and **0051C5** is the 20% darker color. If you saturate the color by 10%, you get **2D70FF**, and if you desaturate by 10%, it is **6092FF**.

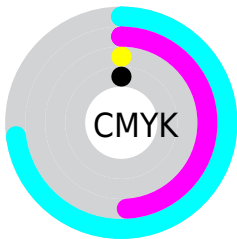
Distribution



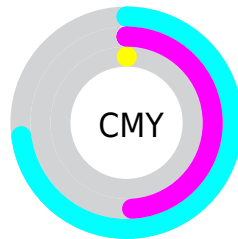
- Red (27%)
- Green (51%)
- Blue (100%)



- Red (27%)
- Yellow (45%)
- Blue (100%)



- Cyan (73%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)



- Cyan (73%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4681FF 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 4681FF by changing the saturation by 10% instead.

 4681FF

 4681FF

FFFFFF

 0868E2

 8BB5FF

 0051C5

 ABD1FF

 003BA9

 CAEDFF

 00278E

 E9FFFF

 001574

 00085A

 000742

 00032B

 000115

■ 4681FF

■ 4681FF

■ 2D70FF

■ 6092FF

■ 135EFF

■ 79A4FF

■ 0051FF

■ 93B5FF

■ ACC6FF

■ C6D8FF

■ DFE9FF

■ F9FBFF

FFFFFF

Harmonies

Analogous

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



0096FF



4681FF



B963DB

Triad

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



4681FF



E05F28



00A16C

Complementary

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



4681FF



FFC446

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.



269C2A



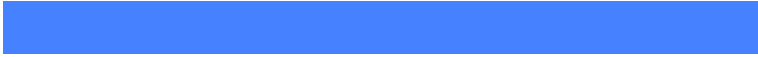
4681FF



B77B00

Square

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



4681FF



F44364



7E9000



00A3AD

Rectangle

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



4681FF



DE4DB7



7E9000



00A056

Sweetspot

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



4681FF



C7D9FF



46FFC1



5E6980



000000



808080

Same Dimension

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



4681FF



2168FF



6546FF



737780



003DBF



001440

Inverse Universe

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



FF4681



FF2168



E0FF46



807377



BF003D



400014

Previews

White Background



This preview shows how the Hex color 4681FF looks on a white background.

Color Contrast Check

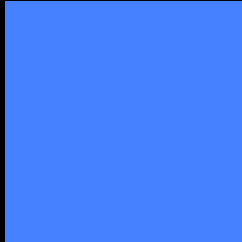
Large Text (above 18pt) WCAG AA ✓ Pass

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 4681FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

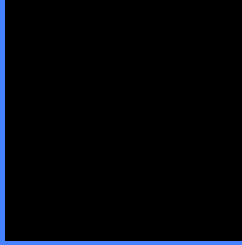
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

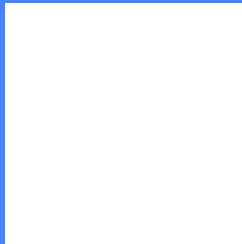
Any Text WCAG AAA × Fail

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

Hex 4681FF Background



This preview shows how black text looks on a background with the Hex color 4681FF.



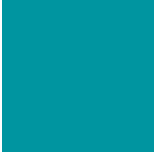
This preview shows how white text looks on a background with the Hex color 4681FF.

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](#).

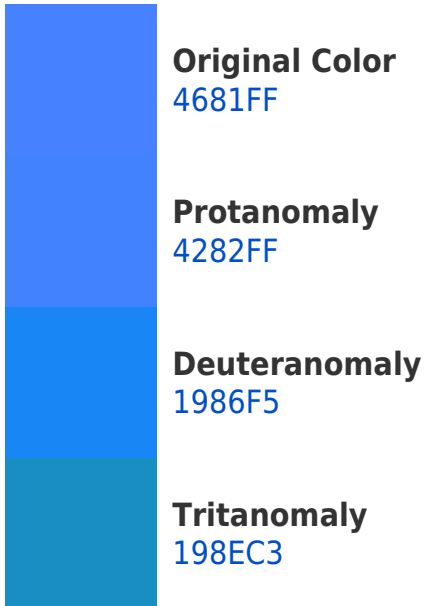
Dichromacy



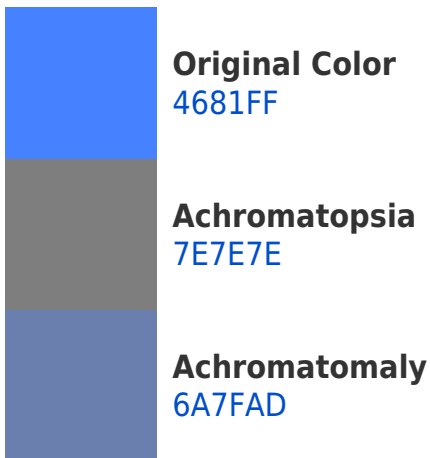


Tritanopia
0095A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4681FF 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 #4681FF looks like.

```
.text, #text, p{  
    color:#4681FF  
}
```

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 #4681FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4681FF
}
```

Border

The CSS property to change the border of an element to Hex 4681FF 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
#4681FF }
```

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

```
.border{ border-color:#4681FF }
```

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

Here you see how a box with a 4 pixel #4681FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4681FF; -webkit-box-shadow:4px 4px  
4px 4px #4681FF; box-shadow:4px 4px 4px  
4px #4681FF }
```

Background

The CSS property to change the background color of an element to Hex 4681FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4681FF }
```

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

```
.background{ background-color:#4681FF }
```

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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