

Converting Colors

Hex(6981F3)

Have a look what the booklet for
Hex(6981F3) contains.

Hex(6981F3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6981F3)

Conversions

Conversions Part 1

Format	Color
Hex	6981F3
RGB	105, 129, 243
RGB Percent	41%, 51%, 95%
CMY	0.5882, 0.4941, 0.0471
CMYK	0.57, 0.47, 0.00, 0.05
HSL	230°, 85%, 68%
HSV	230°, 57%, 95%
XYZ	29.8536, 25.1748, 88.0798
YIQ	134.8200, -50.8980, 30.3660

Conversions

Conversions Part 2

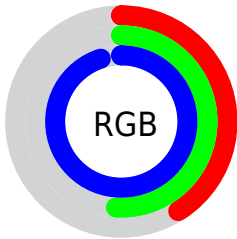
Format	Color
RYB	105, 125, 243
Decimal	6914547
CIELab	57.25, 24.17, -60.07
CIELCh	57, 64.746, 291.915
Yxy	25.1748, 0.2086, 0.1759
Android (android.graphics.Color)	4285104627 (0xFF6981F3)
YUV	134.8200, 53.3327, -26.1521
Hunter-Lab	50.1745, 18.4013, -68.9595

Details

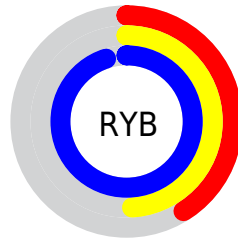
The Hex color **6981F3** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **F3DB69**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **A5B6FF**, and **2250BA** is the 20% darker color. If you saturate the color by 10%, you get **516DF3**, and if you desaturate by 10%, it is **8195F3**.

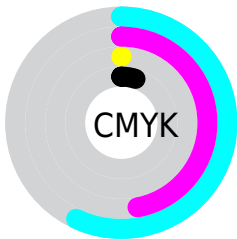
Distribution



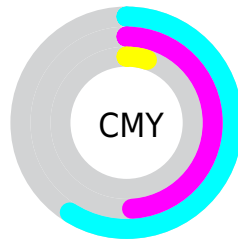
- Red (41%)
- Green (51%)
- Blue (95%)



- Red (41%)
- Yellow (49%)
- Blue (95%)



- Cyan (57%)
- Magenta (47%)
- Yellow (0%)
- Black (5%)



- Cyan (59%)
- Magenta (49%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6981F3 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 6981F3 by changing the saturation by 10% instead.

■ 6981F3

FFFFFF

■ A5B6FF

■ C3D1FF

■ E1EDFF

■ 6981F3

■ 4968D6

■ 2250BA

■ 003A9F

■ 002584

■ 00136A

■ 000151

■ 000539

■ 000222

■ 000009

■ 6981F3

■ 6981F3

■ 516DF3

■ 8195F3

■ 3859F3

■ 9AA9F3

■ 2045F3

■ B2BDF3

■ 0831F3

■ CAD1F3

■ 002AF3

■ E2E5F3

■ FBF9F3

■ FFFFF3

Harmonies

Analogous

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



0095FA



6981F3



BE67D0

Triad

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



6981F3



D96A30



00A378

Complementary

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



6981F3



F3DB69

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.



2D9D3F



6981F3



B18100

Square

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



6981F3



ED5363



7D9303



00A3B2

Rectangle

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



6981F3



DD57AE



7D9303



00A164

Sweetspot

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



6981F3



D4DBFF



69F3DA



666A80



000000



808080

Same Dimension

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



6981F3



5270FF



9569F3



6E707A



0020BA



000A3B

Inverse Universe

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



F36981



FF5270



C7F369



7A6E70



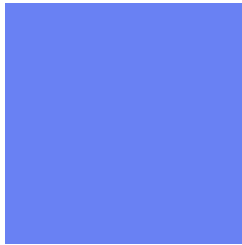
BA0020



3B000A

Previews

White Background



This preview shows how the Hex color 6981F3 looks on a white background.

Color Contrast Check

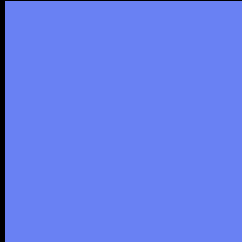
Large Text (above 18pt) WCAG AA ✓ Pass

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 6981F3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

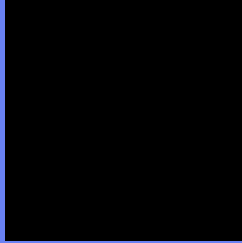
Any Text WCAG AA ✓ Pass

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 6981F3 Background



This preview shows how black text looks on a background with the Hex color 6981F3.



This preview shows how white text looks on a background with the Hex color 6981F3.

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](#).

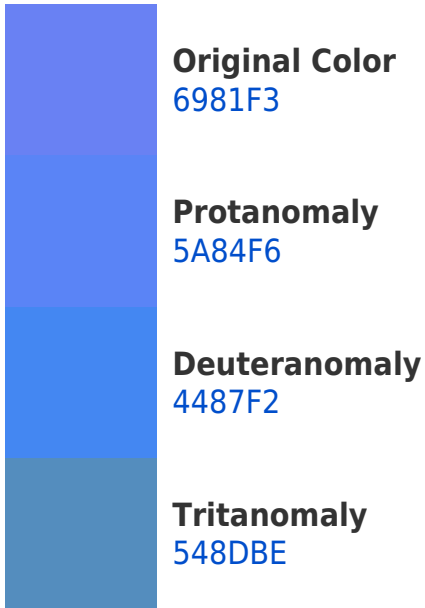
Dichromacy



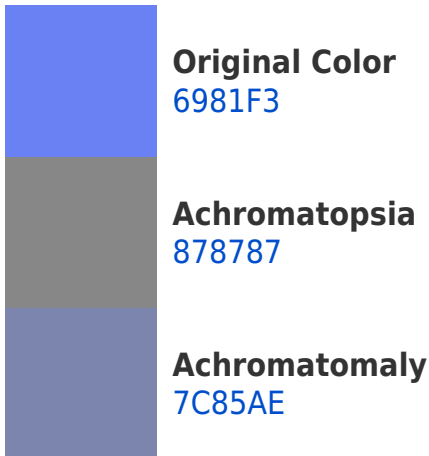


Tritanopia
4894A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6981F3 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 #6981F3 looks like.

```
.text, #text, p{  
    color:#6981F3  
}
```

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 #6981F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6981F3
}
```

Border

The CSS property to change the border of an element to Hex 6981F3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

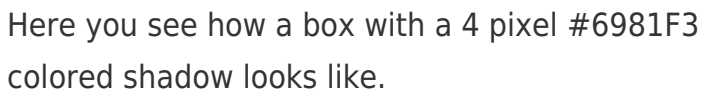
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6981F3 }
```

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

```
.border{ border-color:#6981F3 }
```

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



Here you see how a box with a 4 pixel #6981F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6981F3; -webkit-box-shadow:4px 4px  
4px 4px #6981F3; box-shadow:4px 4px 4px  
4px #6981F3 }
```

Background

The CSS property to change the background color of an element to Hex 6981F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6981F3 }
```

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

```
.background{ background-color:#6981F3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor