

Converting Colors

Hex(6995FF)

Have a look what the booklet for
Hex(6995FF) contains.

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Color

Hex(6995FF)

Conversions

Conversions Part 1

Format	Color
Hex	6995FF
RGB	105, 149, 255
RGB Percent	41%, 58%, 100%
CMY	0.5882, 0.4157, 0.0000
CMYK	0.59, 0.42, 0.00, 0.00
HSL	222°, 100%, 71%
HSV	222°, 59%, 100%
XYZ	34.6231, 31.7181, 98.9051
YIQ	147.9280, -60.2500, 23.6380

Conversions

Conversions Part 2

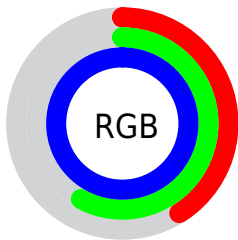
Format	Color
RYB	105, 139, 255
Decimal	6919679
CIELab	63.11, 16.10, -57.30
CIElCh	63, 59.519, 285.697
Yxy	31.7181, 0.2095, 0.1919
Android (android.graphics.Color)	4285109759 (0xFF6995FF)
YUV	147.9280, 52.7865, -37.6479
Hunter-Lab	56.3189, 11.1784, -64.6997

Details

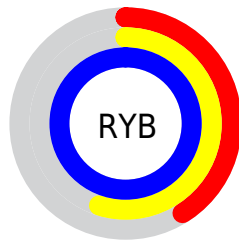
The Hex color **6995FF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFD369**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **A6CBFF**, and **1D63C6** is the 20% darker color. If you saturate the color by 10%, you get **5083FF**, and if you desaturate by 10%, it is **83A7FF**.

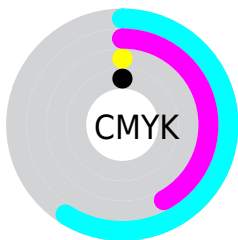
Distribution



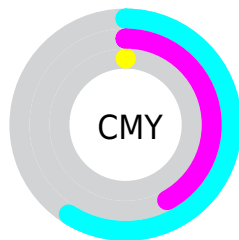
- Red (41%)
- Green (58%)
- Blue (100%)



- Red (41%)
- Yellow (55%)
- Blue (100%)



- Cyan (59%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (59%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6995FF 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 6995FF by changing the saturation by 10% instead.

 6995FF

 6995FF

FFFFFF

 487BE2

 A6CBFF

 1D63C6

 C4E7FF

 004CAA

 E2FFFF

 00368F

 002275

 000C5B

 000743

 00032C

 000116

■ 6995FF

■ 6995FF

■ 5083FF

■ 83A7FF

■ 3671FF

■ 9CB9FF

■ 1C5FFF

■ B5CBFF

■ 034DFF

■ CFDDFF

■ 004BFF

■ E9EFFF

FFFFFF

Harmonies

Analogous

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



00A6FF



6995FF



BF7FE3

Triad

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



6995FF



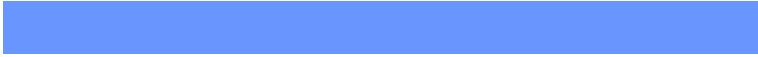
EC784F



00B17D

Complementary

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



6995FF



FFD369

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.



5DAA4A



6995FF



CA8D2B

Square

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



6995FF



F9687F



9A9F28



00B2B4

Rectangle

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



6995FF



E171C5



9A9F28



00AF6B

Sweetspot

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



6995FF



D1DFFF



69FFD2



636C80



000000



808080

Same Dimension

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



6995FF



4A7FFF



8769FF



737680



0038BF



001340

Inverse Universe

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



FF6995



FF4A7F



E1FF69



807376



BF0038



400013

Previews

White Background



This preview shows how the Hex color 6995FF looks on a white background.

Color Contrast Check

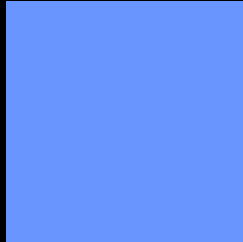
Large Text (above 18pt) WCAG AA × Fail

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 6995FF 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

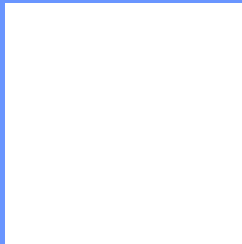
Any Text WCAG AAA ✓ Pass

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

Hex 6995FF Background



This preview shows how black text looks on a background with the Hex color 6995FF.



This preview shows how white text looks on a background with the Hex color 6995FF.

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



Original Color
6995FF

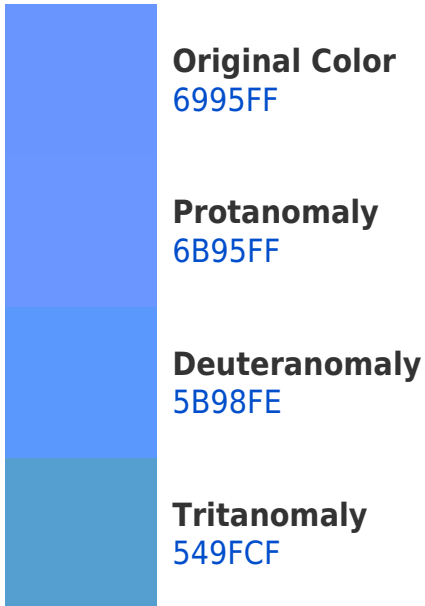
Protanopia
6C95FF

Deuteranopia
5399FE



Tritanopia
48A5B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6995FF 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 #6995FF looks like.

```
.text, #text, p{  
    color:#6995FF  
}
```

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 #6995FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6995FF
}
```

Border

The CSS property to change the border of an element to Hex 6995FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

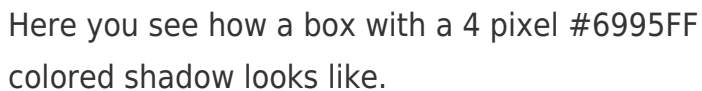
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6995FF }
```

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

```
.border{ border-color:#6995FF }
```

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



Here you see how a box with a 4 pixel #6995FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6995FF; -webkit-box-shadow:4px 4px  
4px 4px #6995FF; box-shadow:4px 4px 4px  
4px #6995FF }
```

Background

The CSS property to change the background color of an element to Hex 6995FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6995FF }
```

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

```
.background{ background-color:#6995FF }
```

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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