

Converting Colors

Hex(6697FF)

Have a look what the booklet for
Hex(6697FF) contains.

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Color

Hex(6697FF)

Conversions

Conversions Part 1

Format	Color
Hex	6697FF
RGB	102, 151, 255
RGB Percent	40%, 59%, 100%
CMY	0.6000, 0.4078, 0.0000
CMYK	0.60, 0.41, 0.00, 0.00
HSL	221°, 100%, 70%
HSV	221°, 60%, 100%
XYZ	34.5961, 32.1780, 98.9953
YIQ	148.2050, -62.5880, 21.9560

Conversions

Conversions Part 2

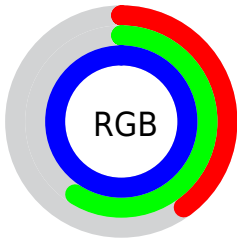
Format	Color
RYB	102, 139, 255
Decimal	6723583
CIELab	63.49, 14.37, -56.70
CIELCh	63, 58.494, 284.221
Yxy	32.1780, 0.2087, 0.1941
Android (android.graphics.Color)	4284913663 (0xFF6697FF)
YUV	148.2050, 52.6499, -40.5218
Hunter-Lab	56.7257, 9.5945, -63.7625

Details

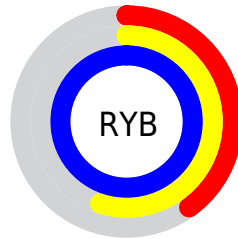
The Hex color **6697FF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFCE66**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **A3CDFF**, and **1665C6** is the 20% darker color. If you saturate the color by 10%, you get **4D86FF**, and if you desaturate by 10%, it is **80A8FF**.

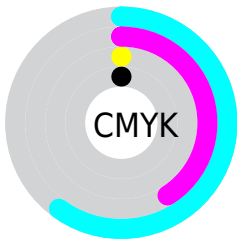
Distribution



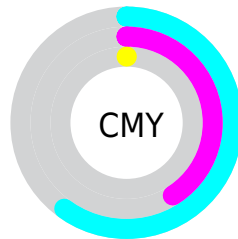
- Red (40%)
- Green (59%)
- Blue (100%)



- Red (40%)
- Yellow (55%)
- Blue (100%)



- Cyan (60%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (41%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6697FF 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 6697FF by changing the saturation by 10% instead.

 6697FF

 6697FF

FFFFFF

 447DE2

 A3CDFF

 1665C6

 C2E9FF

 004DAA

 E0FFFF

 00378F

 002375

 000E5B

 000743

 00032C

 000116

■ 6697FF

■ 6697FF

■ 4D86FF

■ 80A8FF

■ 3374FF

■ 99BAFF

■ 1963FF

■ B3CBFF

■ 0052FF

■ CCDCFF

■ E6EEFF

FFFFFF

Harmonies

Analogous

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



00A7FE



6697FF



BC81E5

Triad

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



6697FF



ED7953



00B17C

Complementary

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



6697FF



FFCE66

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.



63AB4B



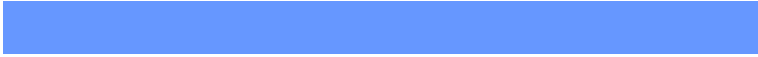
6697FF



CC8D30

Square

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



6697FF



F96A83



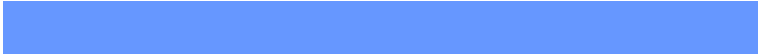
9E9F2B



00B3B2

Rectangle

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



6697FF



DF73C8



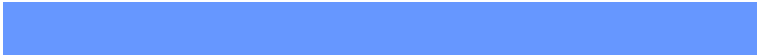
9E9F2B



1CB06A

Sweetspot

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



6697FF



D1E0FF



66FFCC



636C80



000000



808080

Same Dimension

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



6697FF



4782FF



7F66FF



737780



003DBF



001440

Inverse Universe

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



FF6697



FF4782



E5FF66



807377



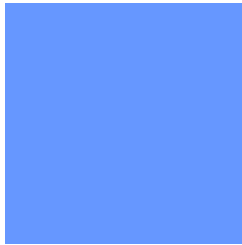
BF003D



400014

Previews

White Background



This preview shows how the Hex color 6697FF looks on a white background.

Color Contrast Check

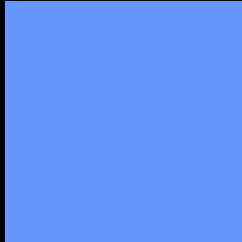
Large Text (above 18pt) WCAG AA × Fail

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 6697FF 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

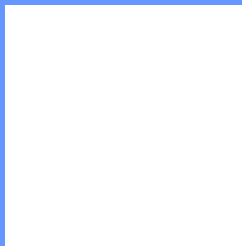
Any Text WCAG AAA ✓ Pass

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

Hex 6697FF Background



This preview shows how black text looks on a background with the Hex color 6697FF.



This preview shows how white text looks on a background with the Hex color 6697FF.

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](#).

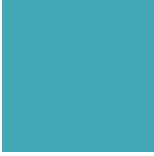
Dichromacy



Original Color
6697FF

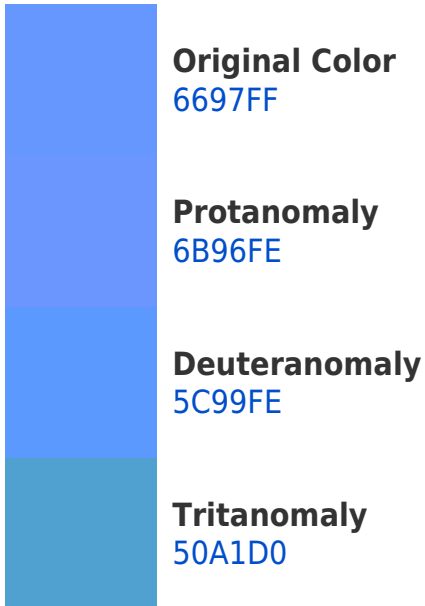
Protanopia
6E96FE

Deuteranopia
569AFE

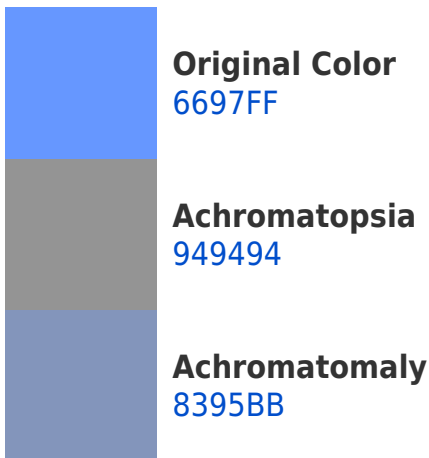


Tritanopia
44A7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6697FF 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 #6697FF looks like.

```
.text, #text, p{  
    color:#6697FF  
}
```

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 #6697FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6697FF
}
```

Border

The CSS property to change the border of an element to Hex 6697FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

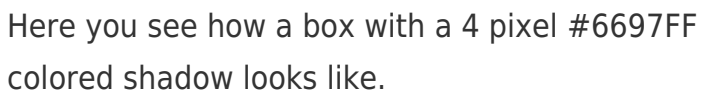
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6697FF }
```

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

```
.border{ border-color:#6697FF }
```

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



Here you see how a box with a 4 pixel #6697FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6697FF; -webkit-box-shadow:4px 4px  
4px 4px #6697FF; box-shadow:4px 4px 4px  
4px #6697FF }
```

Background

The CSS property to change the background color of an element to Hex 6697FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6697FF }
```

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

```
.background{ background-color:#6697FF }
```

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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