

Converting Colors

Hex(6F96E6)

Have a look what the booklet for
Hex(6F96E6) contains.

Hex(6F96E6)	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(6F96E6)

Conversions

Conversions Part 1

Format	Color
Hex	6F96E6
RGB	111, 150, 230
RGB Percent	44%, 59%, 90%
CMY	0.5647, 0.4118, 0.0980
CMYK	0.52, 0.35, 0.00, 0.10
HSL	220°, 70%, 67%
HSV	220°, 52%, 90%
XYZ	31.7448, 30.9054, 79.1551
YIQ	147.4590, -48.9240, 16.6120

Conversions

Conversions Part 2

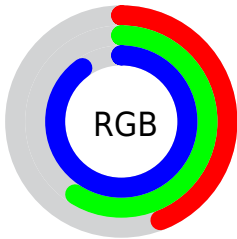
Format	Color
RYB	111, 140, 230
Decimal	7313126
CIELab	62.43, 8.86, -44.61
CIELCh	62, 45.484, 281.230
Yxy	30.9054, 0.2239, 0.2179
Android (android.graphics.Color)	4285503206 (0xFF6F96E6)
YUV	147.4590, 40.6927, -31.9745
Hunter-Lab	55.5926, 4.6411, -45.5048

Details

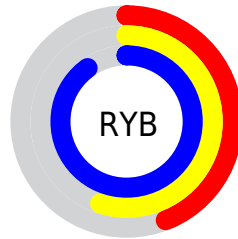
The Hex color **6F96E6** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **E6BF6F**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **A9CCFF**, and **3264AE** is the 20% darker color. If you saturate the color by 10%, you get **5887E6**, and if you desaturate by 10%, it is **86A5E6**.

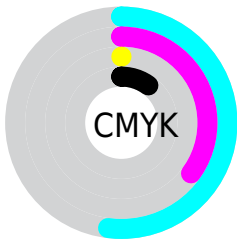
Distribution



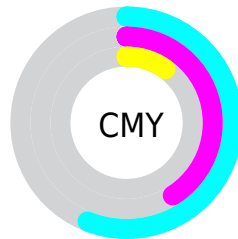
- Red (44%)
- Green (59%)
- Blue (90%)



- Red (44%)
- Yellow (55%)
- Blue (90%)



- Cyan (52%)
- Magenta (35%)
- Yellow (0%)
- Black (10%)



- Cyan (56%)
- Magenta (41%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F96E6 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 6F96E6 by changing the saturation by 10% instead.

 6F96E6

 6F96E6

FFFFFF

 527CCA

 A9CCFF

 3264AE

 C6E8FF

 004C93

 E3FFFF

 003679

 002160

 000A47

 000430

 00011A

 000000

■ 6F96E6

■ 6F96E6

■ 5887E6

■ 86A5E6

■ 4177E6

■ 9DB5E6

■ 2A68E6

■ B4C4E6

■ 1358E6

■ CBD4E6

■ 004BE6

■ E2E3E6

■ F9F3E6

■ FFFFE6

Harmonies

Analogous

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



00A2E3



6F96E6



AE86D4

Triad

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



6F96E6



DC7D64



37AA7C

Complementary

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



6F96E6



E6BF6F

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.



74A458



6F96E6



C48C4A

Square

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



6F96E6



E37589



A09A45



00ACA5

Rectangle

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



6F96E6



CA7DBE



A09A45



50A86F

Sweetspot

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



6F96E6



D6E4FF



6FE6BE



676F80



000000



808080

Same Dimension

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



6F96E6



6195FF



836FE6



676B73



003AB3



001133

Inverse Universe

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



E66F96



FF6195



D2E66F



73676B



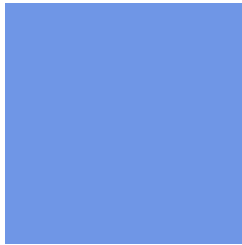
B3003B



330011

Previews

White Background



This preview shows how the Hex color 6F96E6 looks on a white background.

Color Contrast Check

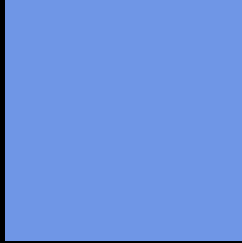
Large Text (above 18pt) WCAG AA × Fail

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 6F96E6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

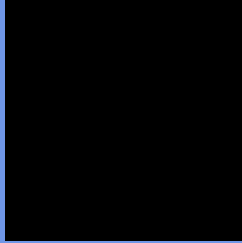
Any Text WCAG AA ✓ Pass

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 6F96E6 Background



This preview shows how black text looks on a background with the Hex color 6F96E6.



This preview shows how white text looks on a background with the Hex color 6F96E6.

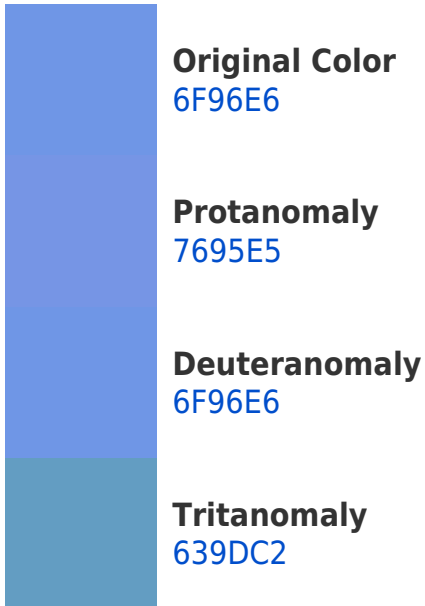
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6F96E6 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 #6F96E6 looks like.

```
.text, #text, p{  
    color:#6F96E6  
}
```

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 #6F96E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F96E6
}
```

Border

The CSS property to change the border of an element to Hex 6F96E6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

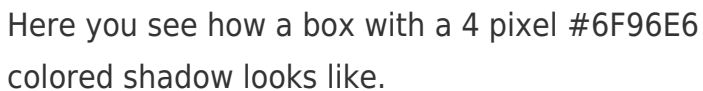
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F96E6 }
```

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

```
.border{ border-color:#6F96E6 }
```

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



Here you see how a box with a 4 pixel #6F96E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F96E6; -webkit-box-shadow:4px 4px  
4px 4px #6F96E6; box-shadow:4px 4px 4px  
4px #6F96E6 }
```

Background

The CSS property to change the background color of an element to Hex 6F96E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F96E6 }
```

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

```
.background{ background-color:#6F96E6 }
```

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