

# Converting Colors

Hex(6FBCE4)

Have a look what the booklet for  
Hex(6FBCE4) contains.

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# **Color**

**Hex(6FBCE4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6FBCE4
RGB	111, 188, 228
RGB Percent	44%, 74%, 89%
CMY	0.5647, 0.2627, 0.1059
CMYK	0.51, 0.18, 0.00, 0.11
HSL	201°, 68%, 66%
HSV	201°, 51%, 89%
XYZ	38.5424, 44.9474, 80.0431
YIQ	169.5370, -58.7320, -3.8840

# Conversions

## Conversions Part 2

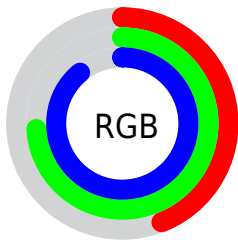
Format	Color
R <sub>Y</sub> B	111, 157, 228
Decimal	7322852
CIE Lab	72.86, -12.92, -27.30
CIE LCh	73, 30.203, 244.677
Yxy	44.9474, 0.2357, 0.2749
Android (android.graphics.Color)	4285512932 (0xFF6FBCE4)
YUV	169.5370, 28.8223, -51.3369
Hunter-Lab	67.0428, -14.7067, -23.8570

# Details

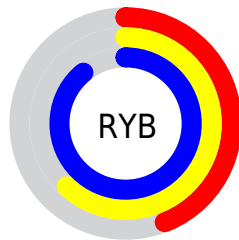
The Hex color **6FBCE4** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E4976F**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **A9F4FF**, and **3187AC** is the 20% darker color. If you saturate the color by 10%, you get **58B4E4**, and if you desaturate by 10%, it is **86C4E4**.

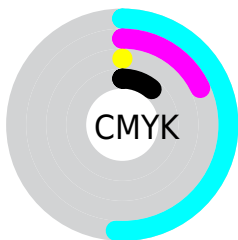
# Distribution



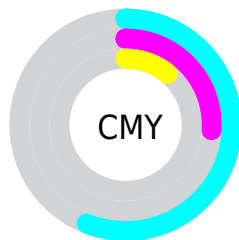
- Red (44%)
- Green (74%)
- Blue (89%)



- Red (44%)
- Yellow (62%)
- Blue (89%)



- Cyan (51%)
- Magenta (18%)
- Yellow (0%)
- Black (11%)



- Cyan (56%)
- Magenta (26%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6FBCE4 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 6FBCE4 by changing the saturation by 10% instead.




 6FBCE4

 6FBCE4

FFFFFF

 51A1C8

 A9F4FF

 3187AC

 C6FFFF

 006D92

 E4FFFF

 005578

 003E5F

 002847

 001431

 00011B

 000000

6FBCE4

6FBCE4

58B4E4

86C4E4

41ACE4

9DCCE4

2BA5E4

B3D3E4

149DE4

CADBE4

0096E4

E1E3E4

F8EBE4

FFF3E4

FFFAE4

FFFFE4

# Harmonies

## Analogous

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



5BC1D1



6FBCE4



95B4E9

# Triad

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



6FBCE4



E99EAF



A4BB85

# Complementary

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



6FBCE4



E4976F

# 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.



C2B27C



6FBCE4



E8A195

# Square

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



6FBCE4



DAA2CB



DAA982



84C09A

# Rectangle

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



6FBCE4



B0ADE5



DAA982



AFB880

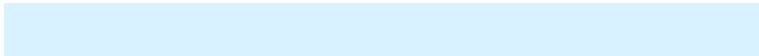


# Sweetspot

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



6FBCE4



D9F2FF



6FE496



697880



000000



808080

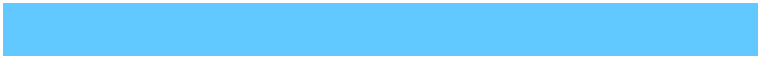


# Same Dimension

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



6FBCE4



61C9FF



6F83E4



676F73



0075B3



002233



# Inverse Universe

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



E46FBC



FF61C9



E4D16F



73676F



B30075

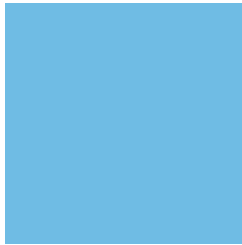


330022



# Previews

## White Background



This preview shows how the Hex color 6FBCE4 looks on a white background.

## Color Contrast Check

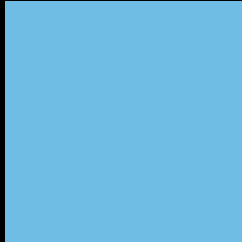
Large Text (above 18pt) WCAG AA × Fail

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 6FBCE4 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 6FBCE4 Background



This preview shows how black text looks on a background with the Hex color 6FBCE4.

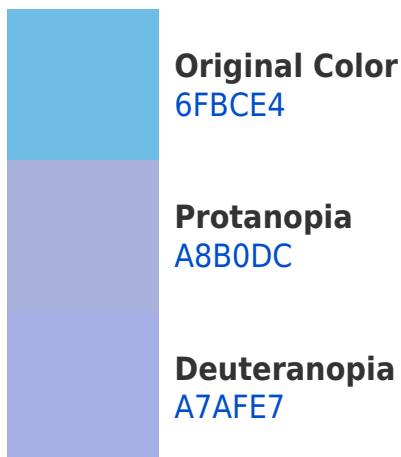


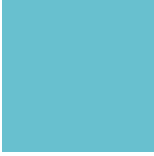
This preview shows how white text looks on a background with the Hex color 6FBCE4.

# 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](#).

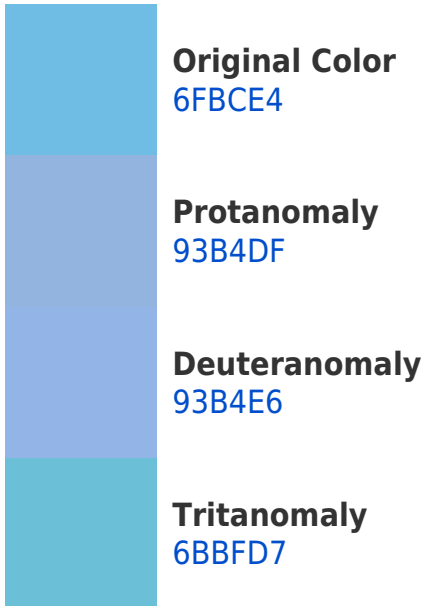
## Dichromacy



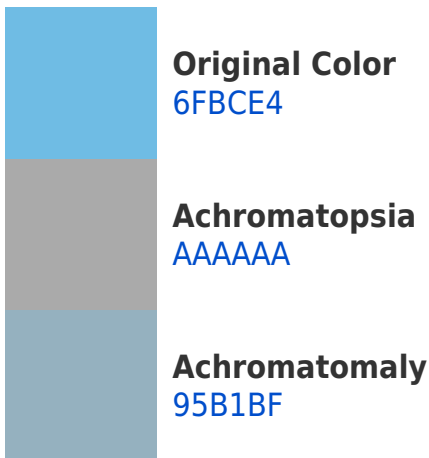


**Tritanopia**  
68C0CF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6FBCE4 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 #6FBCE4 looks like.

```
.text, #text, p{  
    color:#6FBCE4  
}
```

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 #6FBCE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FBCE4
}
```

## Border

The CSS property to change the border of an element to Hex 6FBCE4 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
#6FBCE4 }
```

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

```
.border{ border-color:#6FBCE4 }
```

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

Here you see how a box with a 4 pixel #6FBCE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FBCE4; -webkit-box-shadow:4px 4px  
4px 4px #6FBCE4; box-shadow:4px 4px 4px  
4px #6FBCE4 }
```

# Background

The CSS property to change the background color of an element to Hex 6FBCE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FBCE4 }
```

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

```
.background{ background-color:#6FBCE4 }
```

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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