

Converting Colors

Hex(6FBDE4)

Have a look what the booklet for
Hex(6FBDE4) contains.

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Color

Hex(6FBDE4)

Conversions

Conversions Part 1

Format	Color
Hex	6FBDE4
RGB	111, 189, 228
RGB Percent	44%, 74%, 89%
CMY	0.5647, 0.2588, 0.1059
CMYK	0.51, 0.17, 0.00, 0.11
HSL	200°, 68%, 66%
HSV	200°, 51%, 89%
XYZ	38.7567, 45.3761, 80.1146
YIQ	170.1240, -59.0070, -4.4070

Conversions

Conversions Part 2

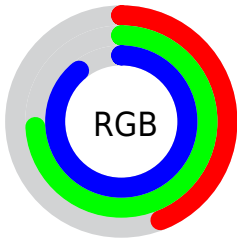
Format	Color
R_{YB}	111, 158, 228
Decimal	7323108
CIE _{Lab}	73.14, -13.45, -26.87
CIE _{LCh}	73, 30.046, 243.412
Yxy	45.3761, 0.2360, 0.2763
Android (android.graphics.Color)	4285513188 (0xFF6FBDE4)
YUV	170.1240, 28.5329, -51.8517
Hunter-Lab	67.3618, -15.1829, -23.3614

Details

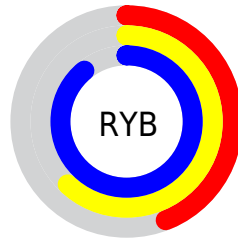
The Hex color **6FBDE4** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E4966F**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **A9F5FF**, and **3188AC** is the 20% darker color. If you saturate the color by 10%, you get **58B5E4**, and if you desaturate by 10%, it is **86C5E4**.

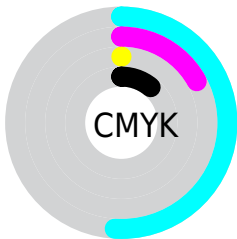
Distribution



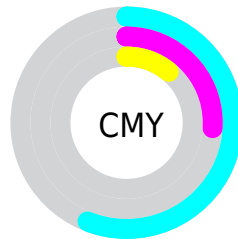
- Red (44%)
- Green (74%)
- Blue (89%)



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



- Cyan (51%)
- Magenta (17%)
- Yellow (0%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 6FBDE4 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 6FBDE4 by changing the saturation by 10% instead.


 6FBDE4

 6FBDE4

FFFFFF

 51A2C8

 A9F5FF

 3188AC

 C6FFFF

 006E92

 E4FFFF

 005678

 003F5F

 002947

 001531

 00011B

 000000

6FBDE4

6FBDE4

58B5E4

86C5E4

41AEE4

9DCCE4

2BA6E4

B3D4E4

149FE4

CADBE4

0098E4

E1E3E4

F8EBE4

FFF2E4

FFFAE4

FFFFE4

Harmonies

Analogous

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



5DC2D1



6FBDE4



95B5EA

Triad

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



6FBDE4



E99FB1



A6BB85

Complementary

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



6FBDE4



E4966F

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.



C4B37D



6FBDE4



E9A297

Square

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



6FBDE4



D9A3CD



DCAA83



86C19A

Rectangle

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



6FBDE4



AFAFE6



DCAA83



B1B981

Sweetspot

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



6FBDE4



D9F2FF



6FE496



697880



000000



808080

Same Dimension

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



6FBDE4



61CAFF



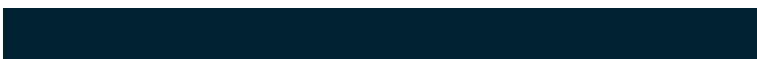
6F83E4



676F73



0077B3



002233

Inverse Universe

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



E46FBD



FF61CA



E4D16F



73676F



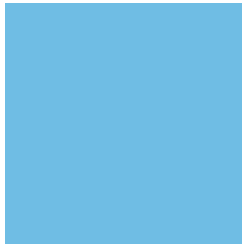
B30077



330022

Previews

White Background



This preview shows how the Hex color 6FBDE4 looks on a white background.

Color Contrast Check

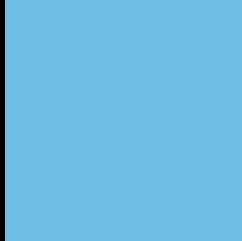
Large Text (above 18pt) WCAG AA × Fail

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 6FBDE4 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 6FBDE4 Background



This preview shows how black text looks on a background with the Hex color 6FBDE4.

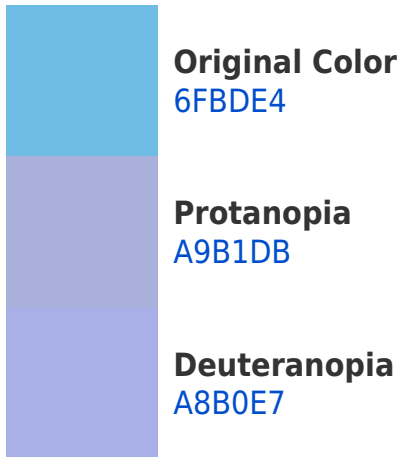


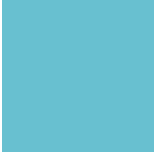
This preview shows how white text looks on a background with the Hex color 6FBDE4.

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](#).

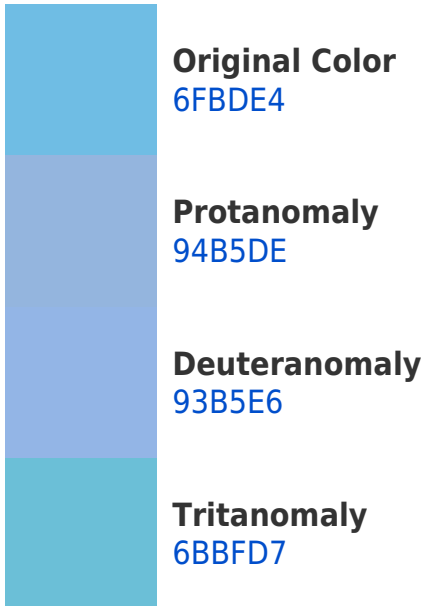
Dichromacy



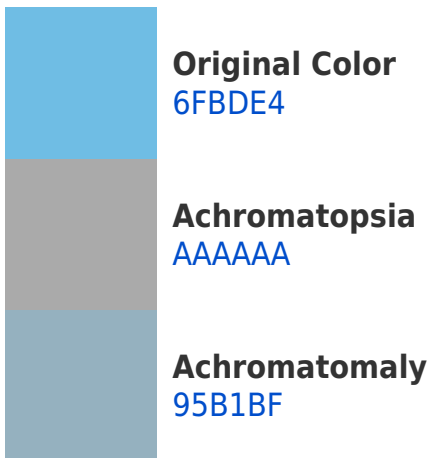


Tritanopia
68C0D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6FBDE4 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 #6FBDE4 looks like.

```
.text, #text, p{  
    color:#6FBDE4  
}
```

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 #6FBDE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FBDE4
}
```

Border

The CSS property to change the border of an element to Hex 6FBDE4 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
#6FBDE4 }
```

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

```
.border{ border-color:#6FBDE4 }
```

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

Here you see how a box with a 4 pixel #6FBDE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FBDE4; -webkit-box-shadow:4px 4px  
4px 4px #6FBDE4; box-shadow:4px 4px 4px  
4px #6FBDE4 }
```

Background

The CSS property to change the background color of an element to Hex 6FBDE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FBDE4 }
```

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

```
.background{ background-color:#6FBDE4 }
```

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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