

# Converting Colors

Hex(6FCFE2)

Have a look what the booklet for  
Hex(6FCFE2) contains.

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# **Color**

**Hex(6FCFE2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6FCFE2
RGB	111, 207, 226
RGB Percent	44%, 81%, 89%
CMY	0.5647, 0.1882, 0.1137
CMYK	0.51, 0.08, 0.00, 0.11
HSL	190°, 66%, 66%
HSV	190°, 51%, 89%
XYZ	42.5958, 53.4961, 80.0323
YIQ	180.4620, -63.3150, -14.4430

# Conversions

## Conversions Part 2

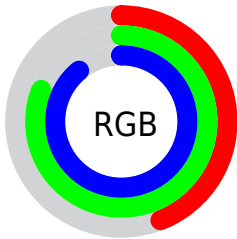
<b>Format</b>	<b>Color</b>
<b>RYB</b>	111, 163, 226
Decimal	7327714
CIELab	78.17, -23.26, -18.14
CIElCh	78, 29.497, 217.945
Yxy	53.4961, 0.2419, 0.3037
Android (android.graphics.Color)	4285517794 (0xFF6FCFE2)
YUV	180.4620, 22.4502, -60.9182
Hunter-Lab	73.1411, -24.0421, -13.6774

# Details

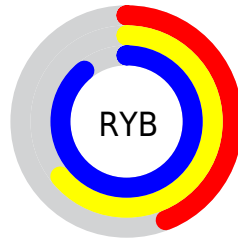
The Hex color **6FCFE2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E2826F**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **AAFFFF**, and **2F98AB** is the 20% darker color. If you saturate the color by 10%, you get **58CBE2**, and if you desaturate by 10%, it is **86D3E2**.

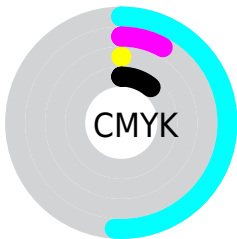
# Distribution



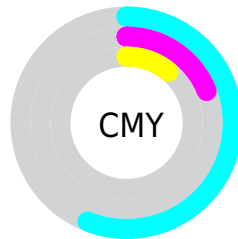
- Red (44%)
- Green (81%)
- Blue (89%)



- Red (44%)
- Yellow (64%)
- Blue (89%)



- Cyan (51%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)



- Cyan (56%)
- Magenta (19%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6FCFE2 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 6FCFE2 by changing the saturation by 10% instead.



 6FCFE2

 6FCFE2

FFFFFF

 51B3C6

 AAFFFF

 2F98AB

 C7FFFF

 007E90

 E5FFFF

 006576

 004D5E

 003646

 002130

 00011B

 000000

6FCFE2

6FCFE2

58CBE2

86D3E2

42C8E2

9CD6E2

2BC4E2

B3DAE2

15C0E2

C9DEE2

00BDE2

E0E2E2

F7E5E2

FFE9E2

FFEDE2

FFF1E2

# Harmonies

## Analogous

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



76D1C8



6FCFE2



84CAF3

# Triad

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



6FCFE2



EBB0D6



CEC28B

# Complementary

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



6FCFE2



E2826F

# 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.



E7B98F



6FCFE2



F8ADBB

# Square

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



6FCFE2



CFB8ED



F6B1A1



B0CA95

# Rectangle

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



6FCFE2



9CC4F8



F6B1A1



D7BF8B

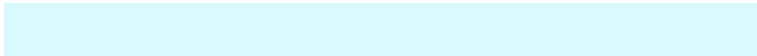


# Sweetspot

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



6FCFE2



D9F9FF



6FE280



697C80



000000



808080



# Same Dimension

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



6FCFE2



63E5FF



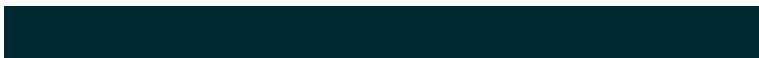
6F97E2



656E70



0093B0



002830



# Inverse Universe

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



E26FCF



FF63E5



E2BA6F



70656E



B00093

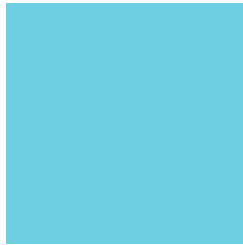


300028



# Previews

## White Background



This preview shows how the Hex color 6FCFE2 looks on a white background.

## Color Contrast Check

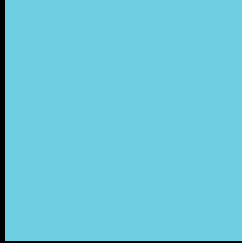
Large Text (above 18pt) WCAG AA × Fail

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 6FCFE2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

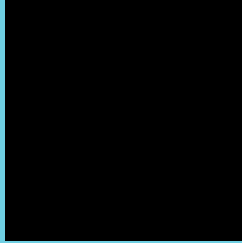
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6FCFE2 Background



This preview shows how black text looks on a background with the Hex color 6FCFE2.

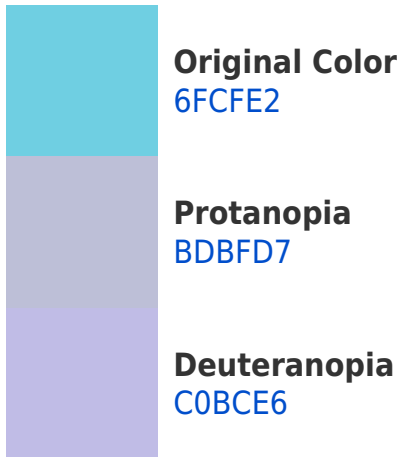


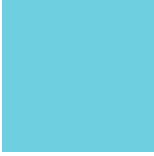
This preview shows how white text looks on a background with the Hex color 6FCFE2.

# 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](#).

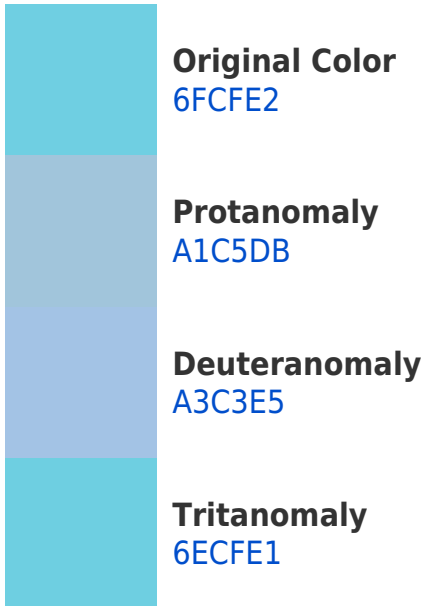
## Dichromacy





**Tritanopia**  
6ECFE0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6FCFE2 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 #6FCFE2 looks like.

```
.text, #text, p{  
    color:#6FCFE2  
}
```

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 #6FCFE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FCFE2
}
```

## Border

The CSS property to change the border of an element to Hex 6FCFE2 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
#6FCFE2 }
```

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

```
.border{ border-color:#6FCFE2 }
```

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

Here you see how a box with a 4 pixel #6FCFE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FCFE2; -webkit-box-shadow:4px 4px  
4px 4px #6FCFE2; box-shadow:4px 4px 4px  
4px #6FCFE2 }
```

# Background

The CSS property to change the background color of an element to Hex 6FCFE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FCFE2 }
```

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

```
.background{ background-color:#6FCFE2 }
```

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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