

# Converting Colors

Hex(6FD8E5)

Have a look what the booklet for  
Hex(6FDBE5) contains.

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# **Color**

**Hex(6FDBE5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6FDBE5
RGB	111, 219, 229
RGB Percent	44%, 86%, 90%
CMY	0.5647, 0.1412, 0.1020
CMYK	0.52, 0.04, 0.00, 0.10
HSL	185°, 69%, 67%
HSV	185°, 52%, 90%
XYZ	46.0299, 59.6997, 83.2259
YIQ	187.8480, -67.5780, -19.7860

# Conversions

## Conversions Part 2

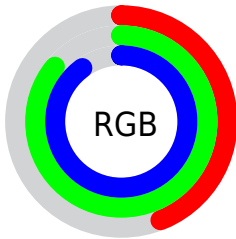
Format	Color
<a href="#">RYB</a>	<a href="#">111, 167, 229</a>
Decimal	<a href="#">7330789</a>
CIELab	<a href="#">81.67, -28.36, -14.46</a>
CIELCh	<a href="#">82, 31.836, 207.013</a>
Yxy	<a href="#">59.6997, 0.2436, 0.3159</a>
Android (android.graphics.Color)	<a href="#">4285520869 (0xFF6FDBE5)</a>
YUV	<a href="#">187.8480, 20.2879, -67.3957</a>
Hunter-Lab	<a href="#">77.2656, -28.8758, -9.7778</a>

# Details

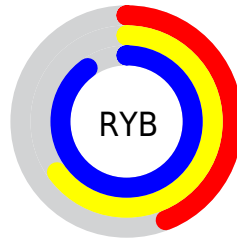
The Hex color **6FDBE5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E5796F**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **AAFFFF**, and **2DA4AE** is the 20% darker color. If you saturate the color by 10%, you get **58D9E5**, and if you desaturate by 10%, it is **86DDE5**.

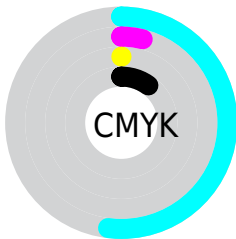
# Distribution



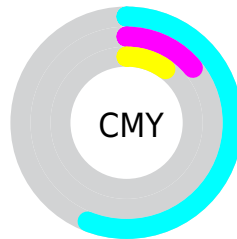
- Red (44%)
- Green (86%)
- Blue (90%)



- Red (44%)
- Yellow (65%)
- Blue (90%)



- Cyan (52%)
- Magenta (4%)
- Yellow (0%)
- Black (10%)



- Cyan (56%)
- Magenta (14%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6FDBE5 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 6FDBE5 by changing the saturation by 10% instead.



 6FDBE5

 6FDBE5

FFFFFF

 50BFC9


 AAFFFF

 2DA4AE

 C8FFFF

 008993

 E6FFFF

 006F79

 005760

 003F49

 002832

 000D1E

 000000

 6FDBE5

 6FDBE5

 58D9E5

 86DDE5

 41D7E5

 9DDFE5

 2AD5E5

 B4E1E5

 13D3E5

 CBE3E5

 00D2E5

 E2E5E5

 F8E7E5

 FFE9E5

 FFEBE5

 FFCEE5

# Harmonies

## Analogous

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



81DBC7



6FDBE5



7BD7FC

# Triad

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



6FDBE5



EEBBEC



E3C890

# Complementary

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



6FDBE5



E5796F

# 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.



FBBE9A



6FDBE5



FFB5CF

# Square

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



6FDBE5



CBC4FF



FFB7B1



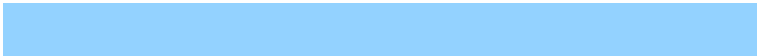
C4D195

# Rectangle

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



6FDBE5



93D2FF



FFB7B1



ECC591

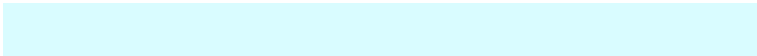


# Sweetspot

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



6FDBE5



D9FCFF



6FE579



697E80



000000



808080



# Same Dimension

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



6FDBE5



61F2FF



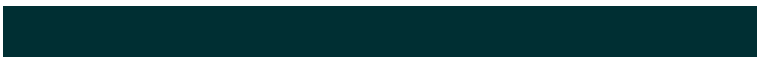
6FA0E5



677273



00A3B3



002F33



# Inverse Universe

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



E56FDB



FF61F2



E5B46F



736772



B300A3

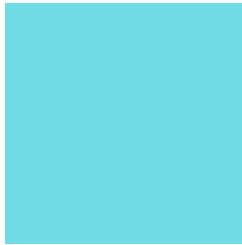


33002F



# Previews

## White Background



This preview shows how the Hex color 6FDBE5 looks on a white background.

## Color Contrast Check

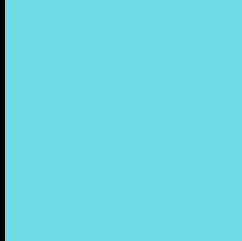
Large Text (above 18pt) WCAG AA × Fail

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 6FDBE5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

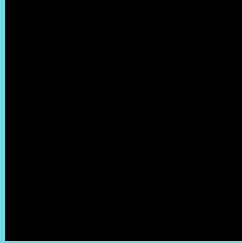
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6FDBE5 Background



This preview shows how black text looks on a background with the Hex color 6FDBE5.

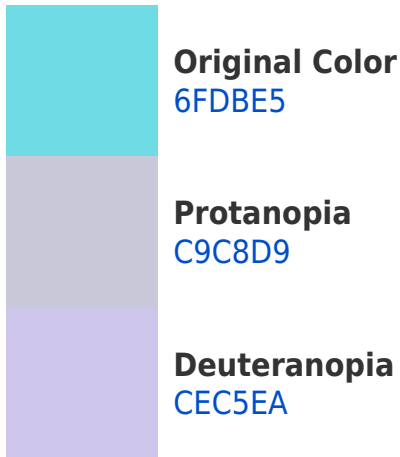


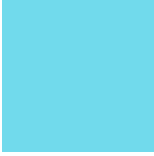
This preview shows how white text looks on a background with the Hex color 6FDBE5.

# 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**  
71DAEC

# Trichromacy



**Original Color**  
6FDBE5



**Protanomaly**  
A8CFDD



**Deuteranomaly**  
ABCDE8

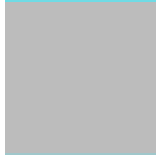


**Tritanomaly**  
70DAE9

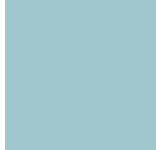
# Monochromacy



**Original Color**  
6FDBE5



**Achromatopsia**  
BCBCBC



**Achromatomaly**  
A0C7CB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6FDBE5 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 #6FDBE5 looks like.

```
.text, #text, p{  
    color:#6FDBE5  
}
```

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 #6FDBE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FDBE5
}
```

## Border

The CSS property to change the border of an element to Hex 6FDBE5 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
#6FDBE5 }
```

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

```
.border{ border-color:#6FDBE5 }
```

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

Here you see how a box with a 4 pixel #6FDBE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FDBE5; -webkit-box-shadow:4px 4px  
4px 4px #6FDBE5; box-shadow:4px 4px 4px  
4px #6FDBE5 }
```

# Background

The CSS property to change the background color of an element to Hex 6FDBE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FDBE5 }
```

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

```
.background{ background-color:#6FDBE5 }
```

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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