

# Converting Colors

Hex(6DBFCE)

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

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# **Color**

**Hex(6DBFCE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DBFCE
RGB	109, 191, 206
RGB Percent	43%, 75%, 81%
CMY	0.5725, 0.2510, 0.1922
CMYK	0.47, 0.07, 0.00, 0.19
HSL	189°, 50%, 62%
HSV	189°, 47%, 81%
XYZ	36.0781, 44.9690, 65.1709
YIQ	168.1920, -53.6870, -12.7190

# Conversions

## Conversions Part 2

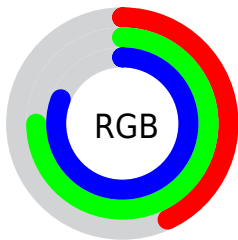
Format	Color
R <sub>YB</sub>	109, 153, 206
Decimal	7192526
CIE <sub>Lab</sub>	72.87, -21.04, -15.32
CIE <sub>LCh</sub>	73, 26.030, 216.062
Y <sub>xy</sub>	44.9690, 0.2467, 0.3075
Android (android.graphics.Color)	4285382606 (0xFF6DBFCE)
YUV	168.1920, 18.6393, -51.9114
Hunter-Lab	67.0590, -21.3193, -10.6794

# Details

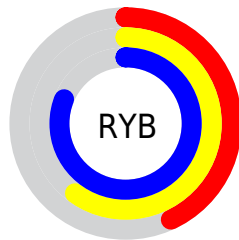
The Hex color **6DBFCE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CE7C6D**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **A6F8FF**, and **328998** is the 20% darker color. If you saturate the color by 10%, you get **58BCCE**, and if you desaturate by 10%, it is **82C2CE**.

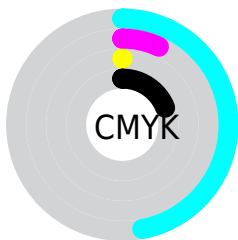
# Distribution



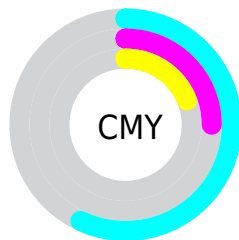
- Red (43%)
- Green (75%)
- Blue (81%)



- Red (43%)
- Yellow (60%)
- Blue (81%)



- Cyan (47%)
- Magenta (7%)
- Yellow (0%)
- Black (19%)



- Cyan (57%)
- Magenta (25%)
- Yellow (19%)

# Brightness & Saturation Gradients

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



 6DBFCE

 6DBFCE

FFFFFF

 50A4B2

 A6F8FF

 328998

 C3FFFF

 05707E

 E0FFFF


 005765

FEFFFF

 00404D

 002936

 001321

 000007

 000000

6DBFCE

6DBFCE

58BCCE

82C2CE

44B9CE

96C5CE

2FB5CE

ABC9CE

1BB2CE

BFCCCE

06AFCE

D4CFCE

00AECE

E9D2CE

FDD5CE

FFD8CE

FFDCCE

# Harmonies

## Analogous

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



74C0B7



6DBFCE



7DBBDE

# Triad

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



6DBFCE



D6A4C7



C0B383

# Complementary

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



6DBFCE



CE7C6D

# 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.



D5AB88



6DBFCE



E2A2AF

# Square

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



6DBFCE



BDABD9



E2A498



A5BA8C

# Rectangle

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



6DBFCE



91B6E2



E2A498



C7B084

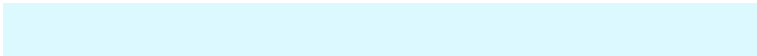


# Sweetspot

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



6DBFCE



DBF9FF



6DCE7C



6A7C80



000000



808080



# Same Dimension

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



6DBFCE



6EE9FF



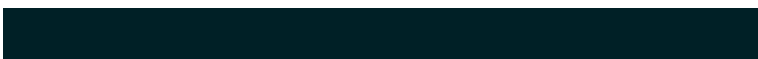
6D8FCE



5C6466



008CA6



002026



# Inverse Universe

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



CE6DBF



FF6EE9



CEAC6D



665C64



A6008C

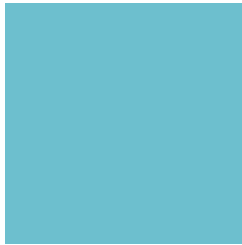


260020



# Previews

## White Background



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

## Color Contrast Check

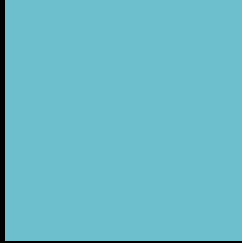
Large Text (above 18pt) WCAG AA × Fail

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 6DBFCE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

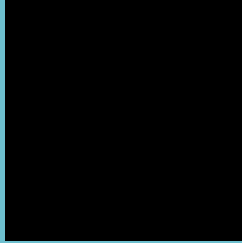
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6DBFCE Background



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

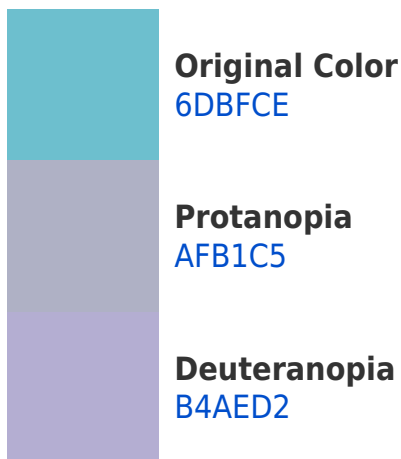


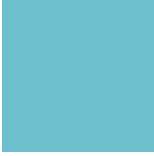
This preview shows how white text looks on a background with the Hex color 6DBFCE.

# 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](#).

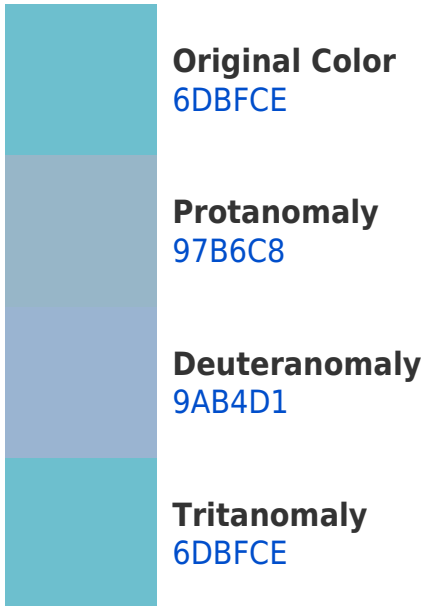
## Dichromacy





**Tritanopia**  
6DBFCE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #6DBFCE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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