

# Converting Colors

Hex(6CB4DE)

Have a look what the booklet for  
Hex(6CB4DE) contains.

|  |    |
|--|----|
| <b>Hex(6CB4DE)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# **Color**

**Hex(6CB4DE)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 6CB4DE                      |
| RGB         | 108, 180, 222               |
| RGB Percent | 42%, 71%, 87%               |
| CMY         | 0.5765, 0.2941, 0.1294      |
| CMYK        | 0.51, 0.19, 0.00, 0.13      |
| HSL         | 202°, 63%, 65%              |
| HSV         | 202°, 51%, 87%              |
| XYZ         | 35.6904, 41.1046, 75.1601   |
| YIQ         | 163.2600, -56.3940, -2.2020 |

# Conversions

## Conversions Part 2

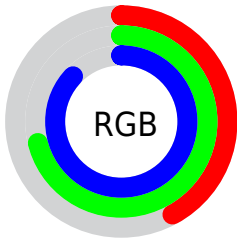
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <a href="#">RYB</a>                 | 108, 152, 222                  |
| Decimal                             | 7124190                        |
| CIELab                              | 70.25, -11.04, -28.05          |
| CIELCh                              | 70, 30.144, 248.516            |
| Yxy                                 | 41.1046, 0.2349,<br>0.2705     |
| Android<br>(android.graphics.Color) | 4285314270<br>(0xFF6CB4DE)     |
| YUV                                 | 163.2600, 28.9588,<br>-48.4630 |
| Hunter-Lab                          | 64.1129, -12.8299,<br>-24.6272 |

# Details

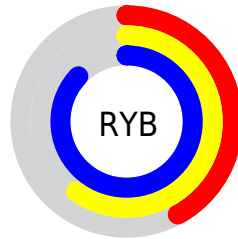
The Hex color **6CB4DE** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **DE966C**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **A6ECFF**, and **2F7FA7** is the 20% darker color. If you saturate the color by 10%, you get **56ACDE**, and if you desaturate by 10%, it is **82BCDE**.

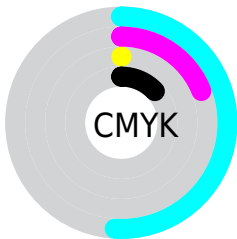
# Distribution



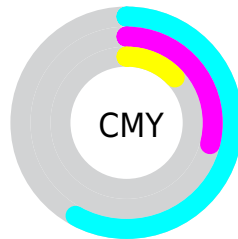
- Red (42%)
- Green (71%)
- Blue (87%)



- Red (42%)
- Yellow (60%)
- Blue (87%)



- Cyan (51%)
- Magenta (19%)
- Yellow (0%)
- Black (13%)



- Cyan (58%)
- Magenta (29%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CB4DE 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 6CB4DE by changing the saturation by 10% instead.



■ 6CB4DE

■ 6CB4DE

FFFFFF

■ 4F99C2

■ A6ECFF

■ 2F7FA7

■ C3FFFF

■ 00668C

■ E0FFFF

■ 004E73

FEFFFF

■ 00385A

■ 002242

■ 00052C

■ 000117

■ 000000

■ 6CB4DE

■ 6CB4DE

■ 56ACDE

■ 82BCDE

■ 40A4DE

■ 98C4DE

■ 299BDE

■ AFCDDDE

■ 1393DE

■ C5D5DE

■ 008CDE

■ DBDDDE

■ F1E5DE

■ FFEDDE

■ FFF5DE

■ FFFEDE

# Harmonies

## Analogous

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



54B9CD



6CB4DE



94ACE2

# Triad

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



6CB4DE



E297A5



99B480

# Complementary

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



6CB4DE



DE966C

# 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.



B7AD75



6CB4DE



E09B8B

# Square

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



6CB4DE



D59AC0



D0A379



79B997

# Rectangle

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



6CB4DE



AEA5DC



D0A379



A4B27B

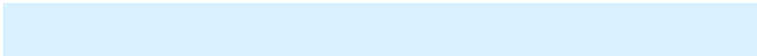


# Sweetspot

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



6CB4DE



D9F1FF



6CDE96



697780



000000



808080

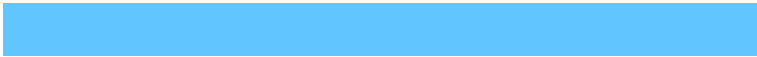


# Same Dimension

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



6CB4DE



61C5FF



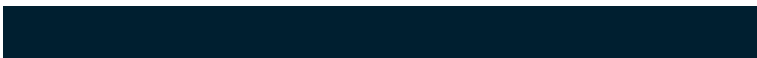
6C7BDE



656C70



006FB0



001F30



# Inverse Universe

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



DE6CB4



FF61C5



DECF6C



70656C



B0006F

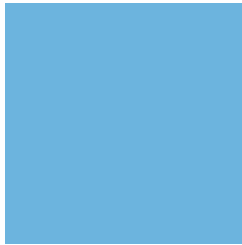


30001F



# Previews

## White Background



This preview shows how the Hex color 6CB4DE looks on a white background.

## Color Contrast Check

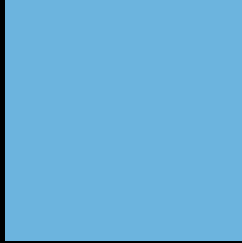
Large Text (above 18pt) WCAG AA × Fail

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 6CB4DE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

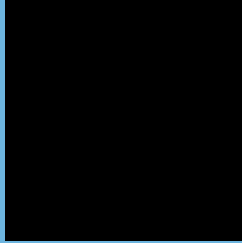
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6CB4DE Background



This preview shows how black text looks on a background with the Hex color 6CB4DE.

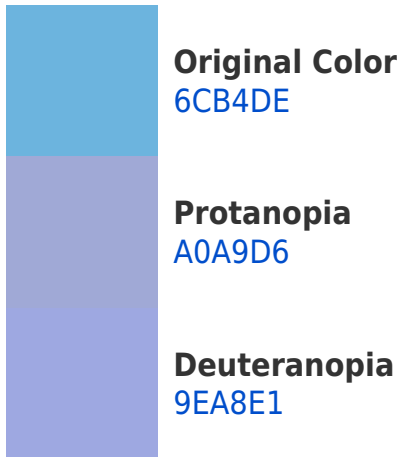


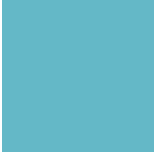
This preview shows how white text looks on a background with the Hex color 6CB4DE.

# 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](#).

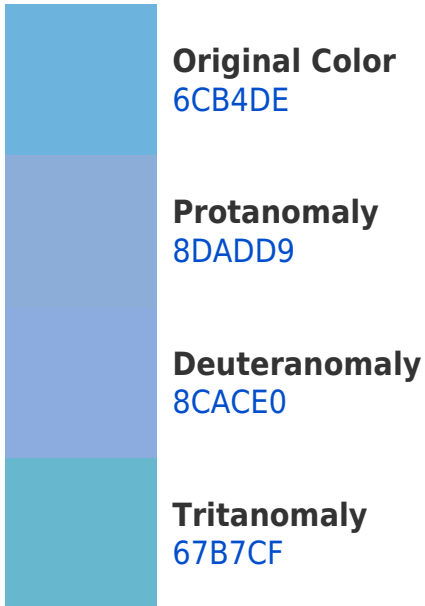
## Dichromacy



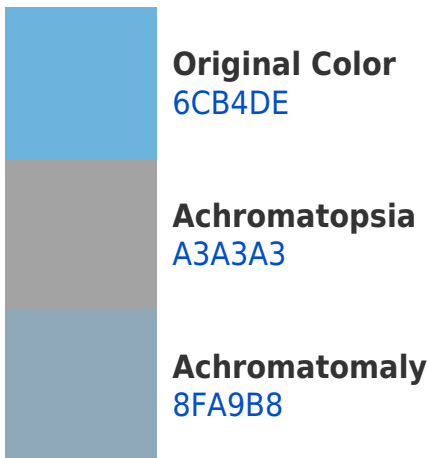


**Tritanopia**  
64B8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CB4DE 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 #6CB4DE looks like.

```
.text, #text, p{  
    color:#6CB4DE  
}
```

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 #6CB4DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CB4DE
}
```

## Border

The CSS property to change the border of an element to Hex 6CB4DE 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
#6CB4DE }
```

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

```
.border{ border-color:#6CB4DE }
```

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

Here you see how a box with a 4 pixel #6CB4DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CB4DE; -webkit-box-shadow:4px 4px  
4px 4px #6CB4DE; box-shadow:4px 4px 4px  
4px #6CB4DE }
```

# Background

The CSS property to change the background color of an element to Hex 6CB4DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CB4DE }
```

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

```
.background{ background-color:#6CB4DE }
```

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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