

# Converting Colors

Hex(4DB8E5)

Have a look what the booklet for  
Hex(4DB8E5) contains.

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# **Color**

**Hex(4DB8E5)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 4DB8E5                      |
| RGB         | 77, 184, 229                |
| RGB Percent | 30%, 72%, 90%               |
| CMY         | 0.6980, 0.2784, 0.1020      |
| CMYK        | 0.66, 0.20, 0.00, 0.10      |
| HSL         | 198°, 75%, 60%              |
| HSV         | 198°, 66%, 90%              |
| XYZ         | 34.3439, 41.5159, 80.3320   |
| YIQ         | 157.1370, -78.2170, -8.6890 |

# Conversions

## Conversions Part 2

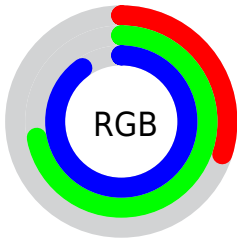
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">77, 140, 229</a>                    |
| Decimal                             | <a href="#">5093605</a>                         |
| CIELab                              | <a href="#">70.54, -16.87, -31.52</a>           |
| CIELCh                              | <a href="#">71, 35.751, 241.843</a>             |
| Yxy                                 | <a href="#">41.5159, 0.2199,<br/>0.2658</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4283283685<br/>(0xFF4DB8E5)</a>     |
| YUV                                 | <a href="#">157.1370, 35.4285,<br/>-70.2801</a> |
| Hunter-Lab                          | <a href="#">64.4328, -17.6136,<br/>-28.8172</a> |

# Details

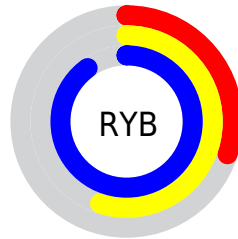
The Hex color **4DB8E5** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **E57A4D**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **8DF0FF**, and **0083AD** is the 20% darker color. If you saturate the color by 10%, you get **36B1E5**, and if you desaturate by 10%, it is **64BFE5**.

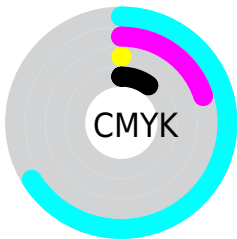
# Distribution



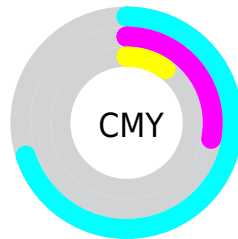
- Red (30%)
- Green (72%)
- Blue (90%)



- Red (30%)
- Yellow (55%)
- Blue (90%)



- Cyan (66%)
- Magenta (20%)
- Yellow (0%)
- Black (10%)



- Cyan (70%)
- Magenta (28%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4DB8E5 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 4DB8E5 by changing the saturation by 10% instead.



■ 4DB8E5

■ 4DB8E5

FFFFFF

■ 249DC9

■ 8DF0FF

■ 0083AD

■ ABFFFF

■ 006A93

■ C9FFFF

■ 005179

■ E8FFFF

■ 003A60

■ 002548

■ 000831

■ 00011B

■ 000000

 4DB8E5

 4DB8E5

 36B1E5

 64BFE5

 1FAAE5

 7BC6E5

 08A4E5

 92CCE5

 00A1E5

 A9D3E5

 BFDAE5

 D6E1E5

 EDE7E5

 FFEEE5

 FFF5E5

# Harmonies

## Analogous

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



31BDCE



4DB8E5



82AFED

# Triad

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



4DB8E5



EA94AC



9EB574

# Complementary

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



4DB8E5



E57A4D

# 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.



C0AB6B



4DB8E5



EB978C

# Square

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



4DB8E5



D799CC



DBA074



77BB8D

# Rectangle

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



4DB8E5



A4A7E9



DBA074



AAB26F

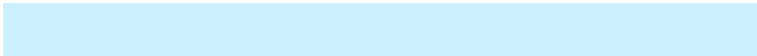


# Sweetspot

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



4DB8E5



CCF0FF



4DE578



617680



000000



808080



# Same Dimension

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



4DB8E5



33C3FF



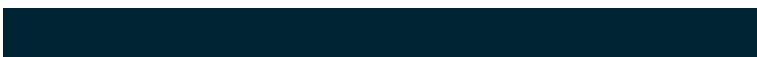
4D6EE5



676F73



007EB3



002433



# Inverse Universe

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



E54DB8



FF33C3



E5C44D



73676F



B3007E

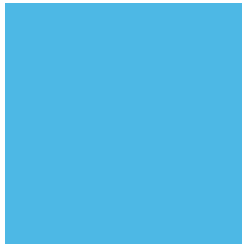


330024



# Previews

## White Background



This preview shows how the Hex color 4DB8E5 looks on a white background.

## Color Contrast Check

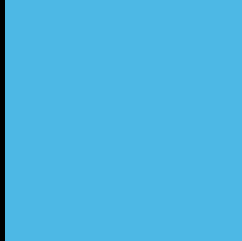
Large Text (above 18pt) WCAG AA × Fail

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 4DB8E5 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 4DB8E5 Background



This preview shows how black text looks on a background with the Hex color 4DB8E5.

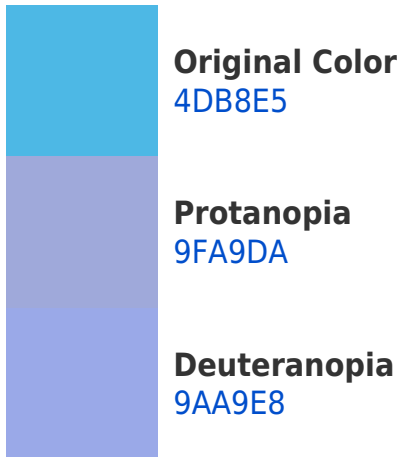


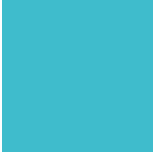
This preview shows how white text looks on a background with the Hex color 4DB8E5.

# Color Blindness Simulation

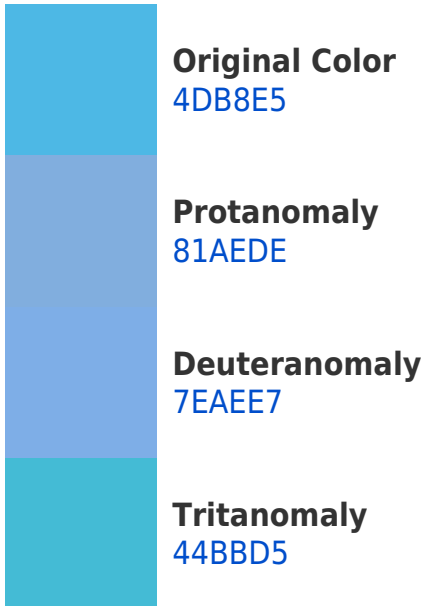
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

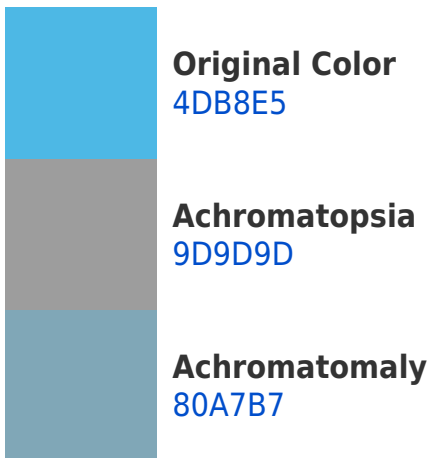




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4DB8E5 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 #4DB8E5 looks like.

```
.text, #text, p{  
    color:#4DB8E5  
}
```

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 #4DB8E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DB8E5
}
```

## Border

The CSS property to change the border of an element to Hex 4DB8E5 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
#4DB8E5 }
```

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

```
.border{ border-color:#4DB8E5 }
```

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

Here you see how a box with a 4 pixel #4DB8E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DB8E5; -webkit-box-shadow:4px 4px  
4px 4px #4DB8E5; box-shadow:4px 4px 4px  
4px #4DB8E5 }
```

# Background

The CSS property to change the background color of an element to Hex 4DB8E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DB8E5 }
```

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

```
.background{ background-color:#4DB8E5 }
```

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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