

Converting Colors

Hex(4DB3ED)

Have a look what the booklet for
Hex(4DB3ED) contains.

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Color

Hex(4DB3ED)

Conversions

Conversions Part 1

Format	Color
Hex	4DB3ED
RGB	77, 179, 237
RGB Percent	30%, 70%, 93%
CMY	0.6980, 0.2980, 0.0706
CMYK	0.68, 0.24, 0.00, 0.07
HSL	202°, 82%, 62%
HSV	202°, 68%, 93%
XYZ	34.4667, 39.9324, 86.0119
YIQ	155.1140, -79.4100, -3.5860

Conversions

Conversions Part 2

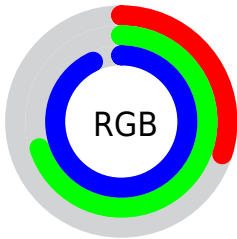
Format	Color
RYB	77, 139, 237
Decimal	5092333
CIELab	69.42, -11.64, -37.60
CIELCh	69, 39.366, 252.797
Yxy	39.9324, 0.2149, 0.2489
Android (android.graphics.Color)	4283282413 (0xFF4DB3ED)
YUV	155.1140, 40.3698, -68.5060
Hunter-Lab	63.1921, -13.2273, -36.4662

Details

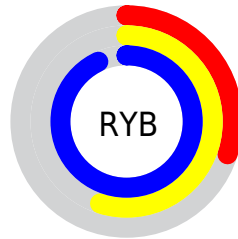
The Hex color **4DB3ED** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **ED874D**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **8EEBFF**, and **007EB5** is the 20% darker color. If you saturate the color by 10%, you get **35AAED**, and if you desaturate by 10%, it is **65BCED**.

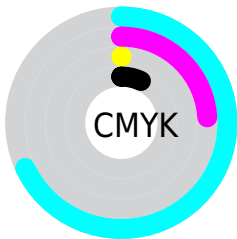
Distribution



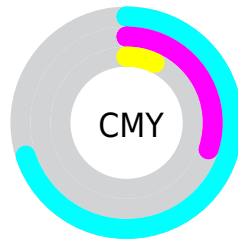
- Red (30%)
- Green (70%)
- Blue (93%)



- Red (30%)
- Yellow (55%)
- Blue (93%)



- Cyan (68%)
- Magenta (24%)
- Yellow (0%)
- Black (7%)



- Cyan (70%)
- Magenta (30%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DB3ED 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 4DB3ED by changing the saturation by 10% instead.

 4DB3ED

 4DB3ED

FFFFFF

 2398D1

 8EEBFF

 007EB5

 ACFFFF

 00659A

 CBFFFF

 004E80

 E9FFFF

 003766

 00224E

 000537

 000221

 000005

■ 4DB3ED

■ 4DB3ED

■ 35AAED

■ 65BCED

■ 1EA2ED

■ 7CC4ED

■ 0699ED

■ 94CDED

■ 0097ED

■ ACD5ED

■ C3DEED

■ DBE7ED

■ F3EFED

■ FFF8ED

■ FFFFED

Harmonies

Analogous

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



00BAD9



4DB3ED



8EA8EF

Triad

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



4DB3ED



EF8E9B



8AB674

Complementary

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



4DB3ED



ED874D

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.



B2AC63



4DB3ED



E8947B

Square

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



4DB3ED



E290C0



D2A066



5CBB93

Rectangle

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



4DB3ED



B29FE6



D2A066



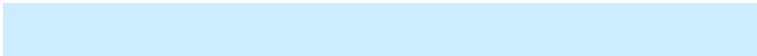
98B36C

Sweetspot

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



4DB3ED



CCEDFF



4DED85



617480



000000



808080

Same Dimension

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



4DB3ED



30B4FF



4D65ED



6A7175



0073B5



002236

Inverse Universe

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



ED4DB3



FF30B4



EDD54D



756A71



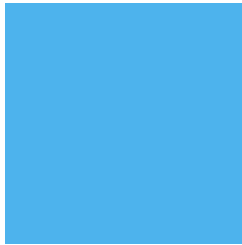
B50073



360022

Previews

White Background



This preview shows how the Hex color 4DB3ED looks on a white background.

Color Contrast Check

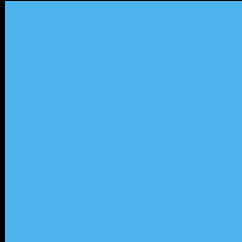
Large Text (above 18pt) WCAG AA × Fail

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 4DB3ED looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

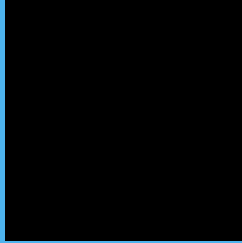
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

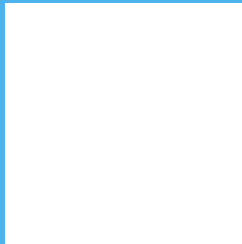
Any Text WCAG AAA ✓ Pass

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

Hex 4DB3ED Background



This preview shows how black text looks on a background with the Hex color 4DB3ED.

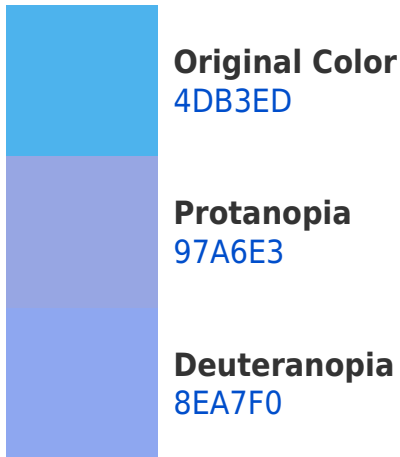


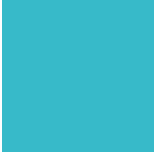
This preview shows how white text looks on a background with the Hex color 4DB3ED.

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](#).

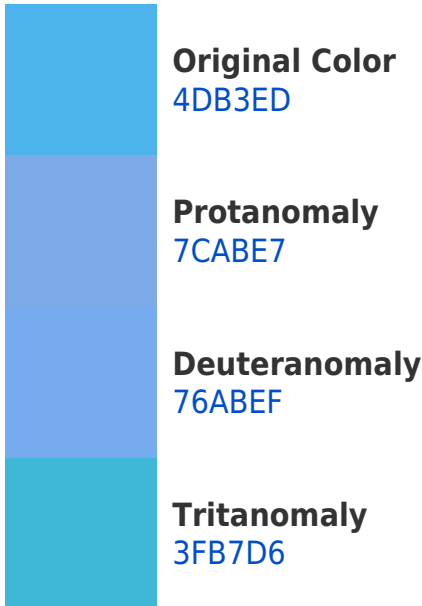
Dichromacy



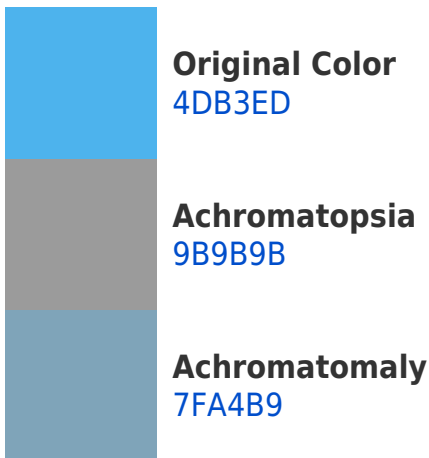


Tritanopia
37BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4DB3ED 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 #4DB3ED looks like.

```
.text, #text, p{  
    color:#4DB3ED  
}
```

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 #4DB3ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DB3ED
}
```

Border

The CSS property to change the border of an element to Hex 4DB3ED 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
#4DB3ED }
```

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

```
.border{ border-color:#4DB3ED }
```

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

Here you see how a box with a 4 pixel #4DB3ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DB3ED; -webkit-box-shadow:4px 4px  
4px 4px #4DB3ED; box-shadow:4px 4px 4px  
4px #4DB3ED }
```

Background

The CSS property to change the background color of an element to Hex 4DB3ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DB3ED }
```

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

```
.background{ background-color:#4DB3ED }
```

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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