

Converting Colors

Hex(7DB5DE)

Have a look what the booklet for
Hex(7DB5DE) contains.

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Color

Hex(7DB5DE)

Conversions

Conversions Part 1

Format	Color
Hex	7DB5DE
RGB	125, 181, 222
RGB Percent	49%, 71%, 87%
CMY	0.5098, 0.2902, 0.1294
CMYK	0.44, 0.18, 0.00, 0.13
HSL	205°, 60%, 68%
HSV	205°, 44%, 87%
XYZ	38.1661, 42.6816, 75.3341
YIQ	168.9300, -46.5370, 0.8790

Conversions

Conversions Part 2

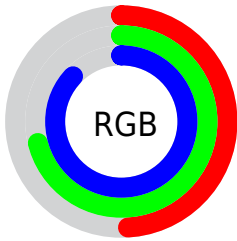
Format	Color
RYB	125, 161, 222
Decimal	8238558
CIELab	71.34, -7.58, -26.31
CIElCh	71, 27.378, 253.927
Yxy	42.6816, 0.2444, 0.2733
Android (android.graphics.Color)	4286428638 (0xFF7DB5DE)
YUV	168.9300, 26.1635, -38.5266
Hunter-Lab	65.3312, -10.0508, -22.6361

Details

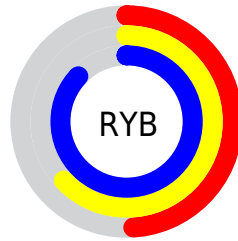
The Hex color **7DB5DE** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **DEA67D**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **B5EDFF**, and **4580A7** is the 20% darker color. If you saturate the color by 10%, you get **67ACDE**, and if you desaturate by 10%, it is **93BEDE**.

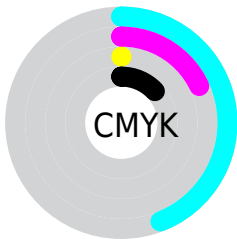
Distribution



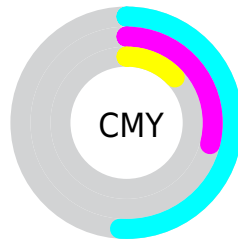
- Red (49%)
- Green (71%)
- Blue (87%)



- Red (49%)
- Yellow (63%)
- Blue (87%)



- Cyan (44%)
- Magenta (18%)
- Yellow (0%)
- Black (13%)



- Cyan (51%)
- Magenta (29%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Hex color 7DB5DE 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 7DB5DE by changing the saturation by 10% instead.

 7DB5DE

 7DB5DE

FFFFFF

 619AC2

 B5EDFF

 4580A7

 D2FFFF

 27678C

 EFFFFFF

 004F73

 00385A

 002342

 000C2C

 000117

 000000

 7DB5DE

 7DB5DE

 67ACDE

 93BEDE

 51A2DE

 A9C8DE

 3A99DE

 C0D1DE

 248FDE

 D6DBDE

 0E86DE

 ECE4DE

 0080DE

 FFEDDE

 FFF7DE

 FFFFDE

Harmonies

Analogous

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



66BAD0



7DB5DE



A0ADDF

Triad

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



7DB5DE



E19DA4



99B88A

Complementary

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



7DB5DE



DEA67D

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.



B5B17E



7DB5DE



DDA18D

Square

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



7DB5DE



D89EBD



CDA97F



7CBCA0

Rectangle

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



7DB5DE



B7A7D8



CDA97F



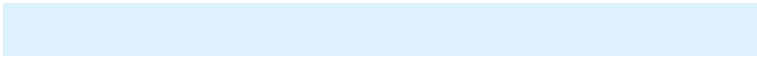
A2B685

Sweetspot

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



7DB5DE



DEF1FF



7DDEA5



6B7780



000000



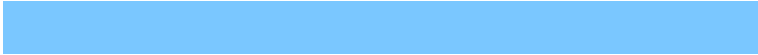
808080

Same Dimension

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



7DB5DE



7AC7FF



7D85DE



656B70



0066B0



001C30

Inverse Universe

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



DE7DB5



FF7AC7



DED67D



70656B



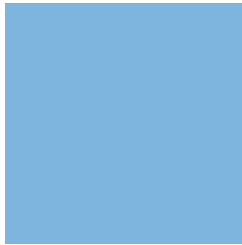
B00066



30001C

Previews

White Background



This preview shows how the Hex color 7DB5DE 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 7DB5DE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

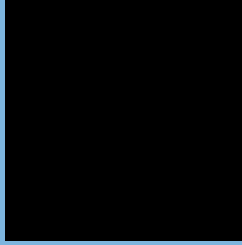
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

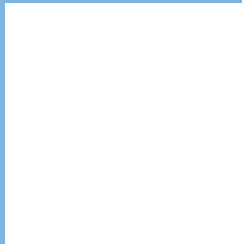
Any Text WCAG AAA ✓ Pass

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

Hex 7DB5DE Background



This preview shows how black text looks on a background with the Hex color 7DB5DE.

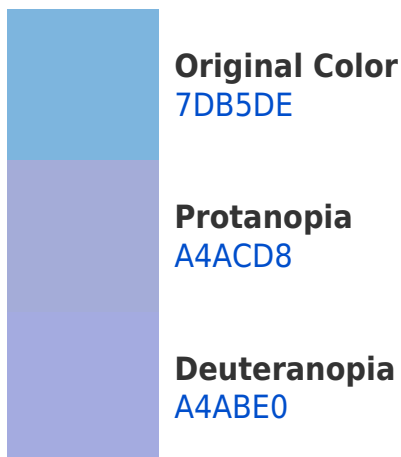


This preview shows how white text looks on a background with the Hex color 7DB5DE.

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](#).

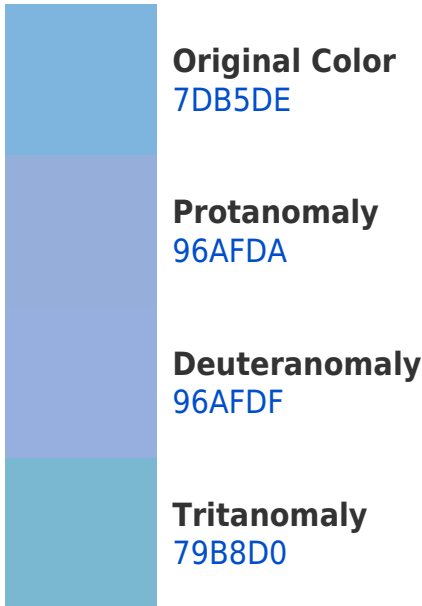
Dichromacy



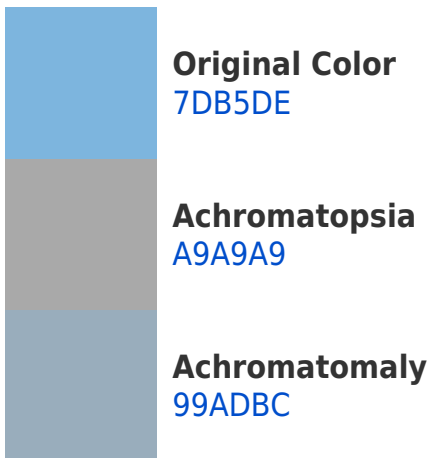


Tritanopia
77B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7DB5DE 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 #7DB5DE looks like.

```
.text, #text, p{  
    color:#7DB5DE  
}
```

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 #7DB5DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DB5DE
}
```

Border

The CSS property to change the border of an element to Hex 7DB5DE 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
#7DB5DE }
```

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

```
.border{ border-color:#7DB5DE }
```

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

Here you see how a box with a 4 pixel #7DB5DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DB5DE; -webkit-box-shadow:4px 4px  
4px 4px #7DB5DE; box-shadow:4px 4px 4px  
4px #7DB5DE }
```

Background

The CSS property to change the background color of an element to Hex 7DB5DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DB5DE }
```

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

```
.background{ background-color:#7DB5DE }
```

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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