

Converting Colors

Hex(6DB6E7)

Have a look what the booklet for
Hex(6DB6E7) contains.

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Color

Hex(6DB6E7)

Conversions

Conversions Part 1

Format	Color
Hex	6DB6E7
RGB	109, 182, 231
RGB Percent	43%, 71%, 91%
CMY	0.5725, 0.2863, 0.0941
CMYK	0.53, 0.21, 0.00, 0.09
HSL	204°, 72%, 67%
HSV	204°, 53%, 91%
XYZ	37.4584, 42.4766, 81.8258
YIQ	165.7590, -59.2370, -0.2370

Conversions

Conversions Part 2

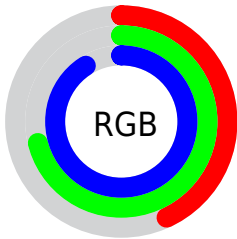
Format	Color
RYB	109, 155, 231
Decimal	7190247
CIELab	71.20, -9.27, -31.49
CIELCh	71, 32.828, 253.596
Yxy	42.4766, 0.2316, 0.2626
Android (android.graphics.Color)	4285380327 (0xFF6DB6E7)
YUV	165.7590, 32.1638, -49.7776
Hunter-Lab	65.1741, -11.4628, -28.8165

Details

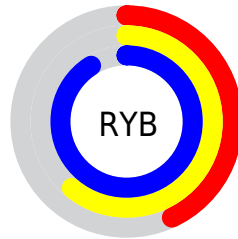
The Hex color **6DB6E7** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E79E6D**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **A7EEFF**, and **2E81AF** is the 20% darker color. If you saturate the color by 10%, you get **56ADE7**, and if you desaturate by 10%, it is **84BFE7**.

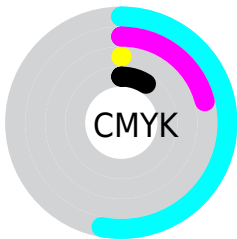
Distribution



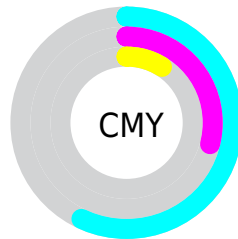
- Red (43%)
- Green (71%)
- Blue (91%)



- Red (43%)
- Yellow (61%)
- Blue (91%)



- Cyan (53%)
- Magenta (21%)
- Yellow (0%)
- Black (9%)



- Cyan (57%)
- Magenta (29%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DB6E7 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 6DB6E7 by changing the saturation by 10% instead.

 6DB6E7

 6DB6E7

FFFFFF

 4F9BCB

 A7EEFF

 2E81AF

 C4FFFF

 006894

 E2FFFF

 00507A

 003961

 002449

 000C33

 00021D

 000000

■ 6DB6E7

■ 6DB6E7

■ 56ADE7

■ 84BFE7

■ 3FA3E7

■ 9BC9E7

■ 289AE7

■ B2D2E7

■ 1191E7

■ C9DBE7

■ 008AE7

■ E1E4E7

■ F8EEE7

■ FFF7E7

■ FFFFE7

Harmonies

Analogous

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



4BBCD7



6DB6E7



9BACE8

Triad

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



6DB6E7



EA98A2



94B982

Complementary

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



6DB6E7



E79E6D

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.



B5B174



6DB6E7



E49D86

Square

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



6DB6E7



DF9AC0



D1A775



70BD9C

Rectangle

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



6DB6E7



B7A5E0



D1A775



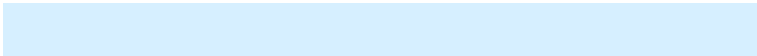
9FB67C

Sweetspot

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



6DB6E7



D6EFFF



6DE79E



677680



000000



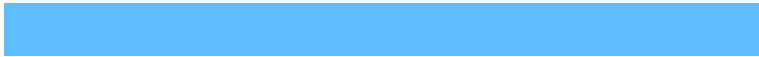
808080

Same Dimension

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



6DB6E7



5EBEFF



6D79E7



676E73



006BB3



001F33

Inverse Universe

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



E76DB6



FF5EBE



E7DB6D



73676E



B3006B



33001F

Previews

White Background



This preview shows how the Hex color 6DB6E7 looks on a white background.

Color Contrast Check

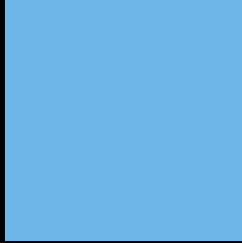
Large Text (above 18pt) WCAG AA × Fail

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 6DB6E7 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 6DB6E7 Background



This preview shows how black text looks on a background with the Hex color 6DB6E7.

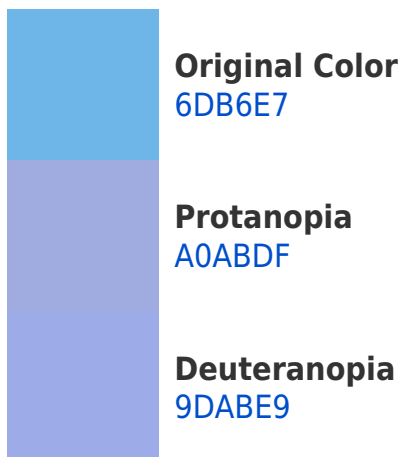


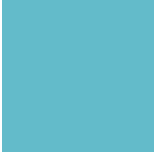
This preview shows how white text looks on a background with the Hex color 6DB6E7.

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](#).

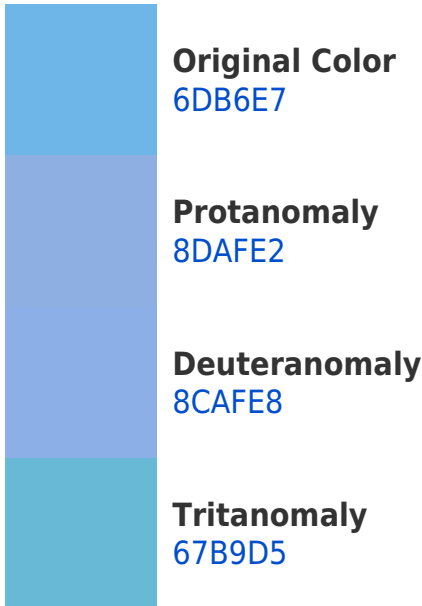
Dichromacy



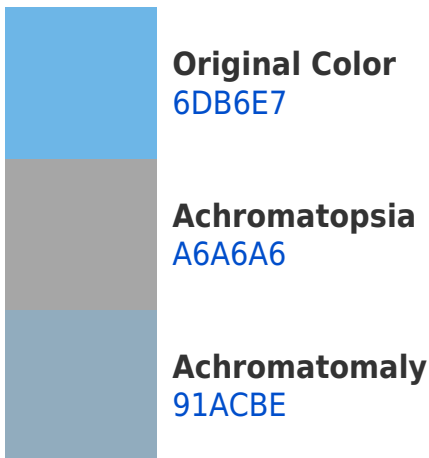


Tritanopia
63BBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DB6E7 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 #6DB6E7 looks like.

```
.text, #text, p{  
    color:#6DB6E7  
}
```

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 #6DB6E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DB6E7
}
```

Border

The CSS property to change the border of an element to Hex 6DB6E7 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
#6DB6E7 }
```

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

```
.border{ border-color:#6DB6E7 }
```

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

Here you see how a box with a 4 pixel #6DB6E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DB6E7; -webkit-box-shadow:4px 4px  
4px 4px #6DB6E7; box-shadow:4px 4px 4px  
4px #6DB6E7 }
```

Background

The CSS property to change the background color of an element to Hex 6DB6E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DB6E7 }
```

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

```
.background{ background-color:#6DB6E7 }
```

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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