

Converting Colors

Hex(6DB4EB)

Have a look what the booklet for
Hex(6DB4EB) contains.

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Color

Hex(6DB4EB)

Conversions

Conversions Part 1

Format	Color
Hex	6DB4EB
RGB	109, 180, 235
RGB Percent	43%, 71%, 92%
CMY	0.5725, 0.2941, 0.0784
CMYK	0.54, 0.23, 0.00, 0.08
HSL	206°, 76%, 67%
HSV	206°, 54%, 92%
XYZ	37.6233, 41.8919, 84.7002
YIQ	165.0410, -59.9710, 2.0530

Conversions

Conversions Part 2

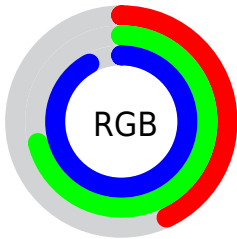
Format	Color
RYB	109, 154, 235
Decimal	7189739
CIELab	70.80, -7.00, -34.29
CIELCh	71, 34.997, 258.461
Yxy	41.8919, 0.2291, 0.2551
Android (android.graphics.Color)	4285379819 (0xFF6DB4EB)
YUV	165.0410, 34.4898, -49.1480
Hunter-Lab	64.7239, -9.5068, -32.2824

Details

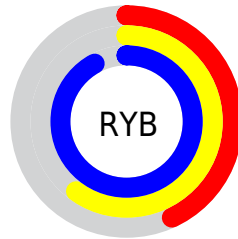
The Hex color **6DB4EB** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **EBA46D**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **A7ECFF**, and **2D7FB3** is the 20% darker color. If you saturate the color by 10%, you get **56AAEB**, and if you desaturate by 10%, it is **84BEEB**.

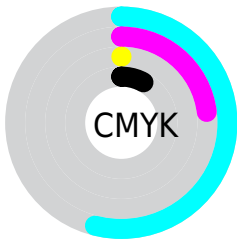
Distribution



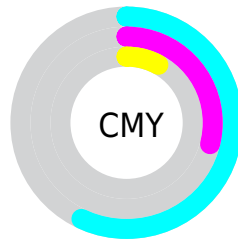
- Red (43%)
- Green (71%)
- Blue (92%)



- Red (43%)
- Yellow (60%)
- Blue (92%)



- Cyan (54%)
- Magenta (23%)
- Yellow (0%)
- Black (8%)



- Cyan (57%)
- Magenta (29%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DB4EB 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 6DB4EB by changing the saturation by 10% instead.

 6DB4EB

 6DB4EB

FFFFFF

 4F99CF

 A7ECFF

 2D7FB3

 C5FFFF

 006698

 E3FFFF

 004F7E

 003865

 00234C

 000A35

 00021F

 000003

■ 6DB4EB

■ 6DB4EB

■ 56AAEB

■ 84BEEB

■ 3E9FEB

■ 9CC9EB

■ 2695EB

■ B4D3EB

■ 0F8BEB

■ CBDDEB

■ 0084EB

■ E3E7EB

■ FAF2EB

■ FFFCEB

■ FFFFEB

Harmonies

Analogous

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



40BBDC



6DB4EB



A0A9E9

Triad

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



6DB4EB



EC969B



8BB982

Complementary

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



6DB4EB



EBA46D

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.



AFB170



6DB4EB



E49C7F

Square

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



6DB4EB



E496BB



CEA76F



64BE9F

Rectangle

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



6DB4EB



BDA2DF



CEA76F



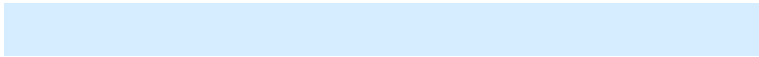
97B77A

Sweetspot

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



6DB4EB



D6EDFF



6DEBA4



677580



000000



808080

Same Dimension

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



6DB4EB



5CB8FF



6D75EB



6A7075



0066B5



001E36

Inverse Universe

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



EB6DB4



FF5CB8



EBE36D



756A70



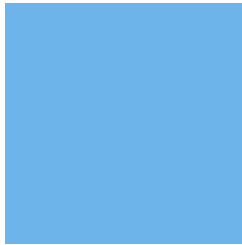
B50066



36001E

Previews

White Background



This preview shows how the Hex color 6DB4EB looks on a white background.

Color Contrast Check

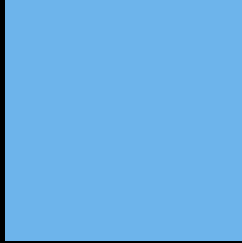
Large Text (above 18pt) WCAG AA × Fail

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 6DB4EB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

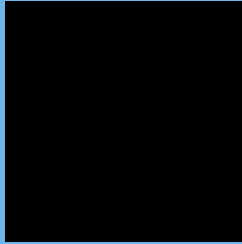
Any Text WCAG AA ✓ Pass

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 6DB4EB Background



This preview shows how black text looks on a background with the Hex color 6DB4EB.

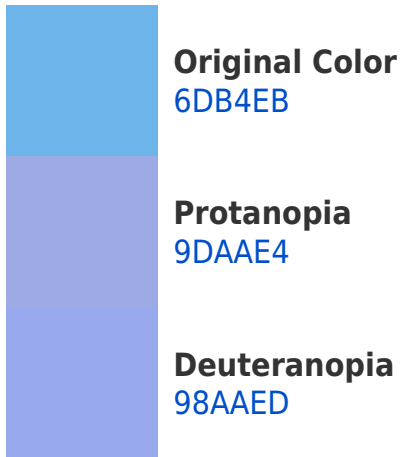


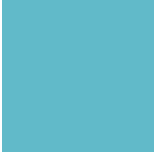
This preview shows how white text looks on a background with the Hex color 6DB4EB.

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](#).

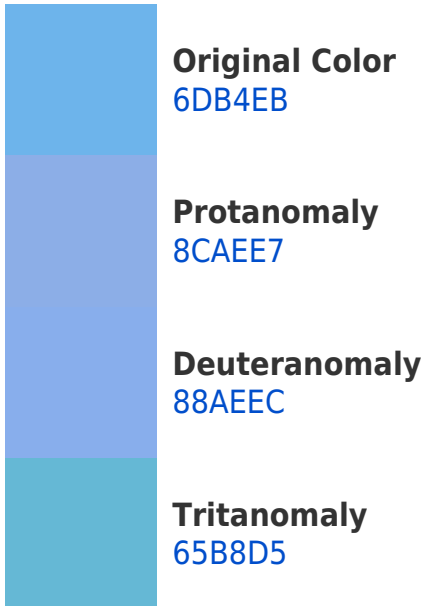
Dichromacy



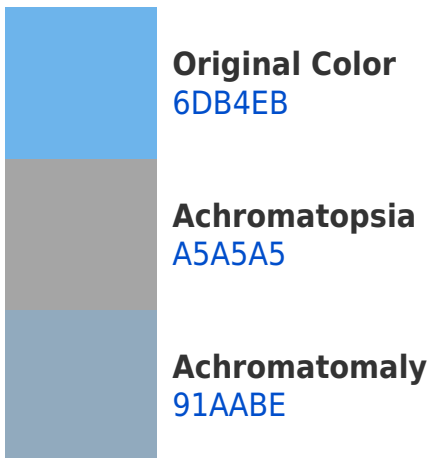


Tritanopia
61BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DB4EB 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 #6DB4EB looks like.

```
.text, #text, p{  
    color:#6DB4EB  
}
```

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 #6DB4EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DB4EB
}
```

Border

The CSS property to change the border of an element to Hex 6DB4EB 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
#6DB4EB }
```

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

```
.border{ border-color:#6DB4EB }
```

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

Here you see how a box with a 4 pixel #6DB4EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DB4EB; -webkit-box-shadow:4px 4px  
4px 4px #6DB4EB; box-shadow:4px 4px 4px  
4px #6DB4EB }
```

Background

The CSS property to change the background color of an element to Hex 6DB4EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DB4EB }
```

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

```
.background{ background-color:#6DB4EB }
```

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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