

Converting Colors

Hex(6EB3D6)

Have a look what the booklet for
Hex(6EB3D6) contains.

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Color

Hex(6EB3D6)

Conversions

Conversions Part 1

Format	Color
Hex	6EB3D6
RGB	110, 179, 214
RGB Percent	43%, 70%, 84%
CMY	0.5686, 0.2980, 0.1608
CMYK	0.49, 0.16, 0.00, 0.16
HSL	200°, 56%, 64%
HSV	200°, 49%, 84%
XYZ	34.6881, 40.4102, 69.5900
YIQ	162.3590, -52.3590, -3.7430

Conversions

Conversions Part 2

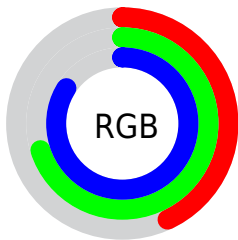
Format	Color
RYB	110, 151, 214
Decimal	7254998
CIELab	69.76, -12.34, -24.41
CIELCh	70, 27.356, 243.178
Yxy	40.4102, 0.2397, 0.2793
Android (android.graphics.Color)	4285445078 (0xFF6EB3D6)
YUV	162.3590, 25.4590, -45.9188
Hunter-Lab	63.5690, -13.8427, -20.4074

Details

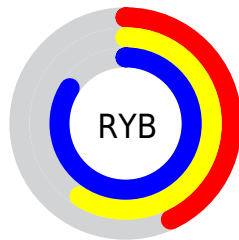
The Hex color **6EB3D6** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **D6916E**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **A7EBFF**, and **337E9F** is the 20% darker color. If you saturate the color by 10%, you get **59ACD6**, and if you desaturate by 10%, it is **83BAD6**.

Distribution



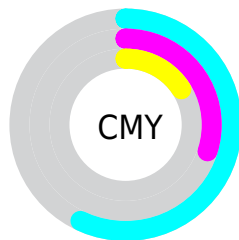
- Red (43%)
- Green (70%)
- Blue (84%)



- Red (43%)
- Yellow (59%)
- Blue (84%)



- Cyan (49%)
- Magenta (16%)
- Yellow (0%)
- Black (16%)



- Cyan (57%)
- Magenta (30%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Hex color 6EB3D6 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 6EB3D6 by changing the saturation by 10% instead.

 6EB3D6

 6EB3D6

FFFFFF

 5198BA

 A7EBFF

 337E9F

 C4FFFF

 086585

 E1FFFF

 004D6C

FEFFFF

 003753

 00213C

 000326

 000110

 000000

6EB3D6

6EB3D6

59ACD6

83BAD6

43A5D6

99C1D6

2E9DD6

AEC9D6

1896D6

C4D0D6

038FD6

D9D7D6

008ED6

EEDED6

FFE5D6

FFEDD6

FFF4D6

Harmonies

Analogous

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



5FB7C5



6EB3D6



8FACDC

Triad

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



6EB3D6



DB98A9



9FB180

Complementary

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



6EB3D6



D6916E

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.



BAAA79



6EB3D6



DB9B90

Square

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



6EB3D6



CD9CC1



CFA17F



82B693

Rectangle

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



6EB3D6



A7A6D8



CFA17F



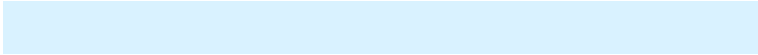
A8AF7C

Sweetspot

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



6EB3D6



D9F2FF



6ED691



697880



000000



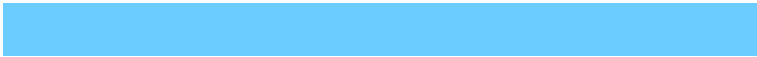
808080

Same Dimension

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



6EB3D6



6BCDFF



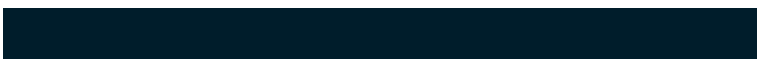
6E7FD6



60676B



0071AB



001D2B

Inverse Universe

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



D66EB3



FF6BCD



D6C56E



6B6067



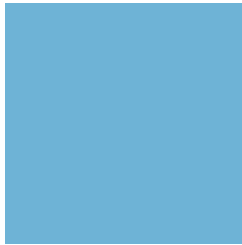
AB0071



2B001D

Previews

White Background



This preview shows how the Hex color 6EB3D6 looks on a white background.

Color Contrast Check

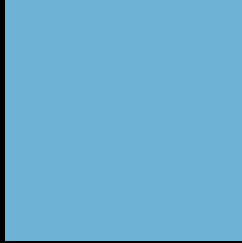
Large Text (above 18pt) WCAG AA × Fail

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 6EB3D6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

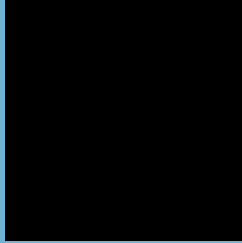
Any Text WCAG AA ✓ Pass

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 6EB3D6 Background



This preview shows how black text looks on a background with the Hex color 6EB3D6.

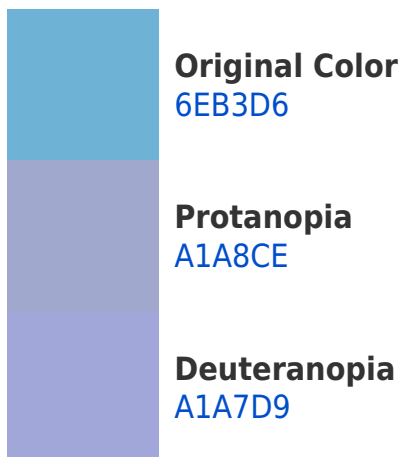


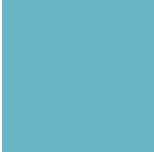
This preview shows how white text looks on a background with the Hex color 6EB3D6.

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](#).

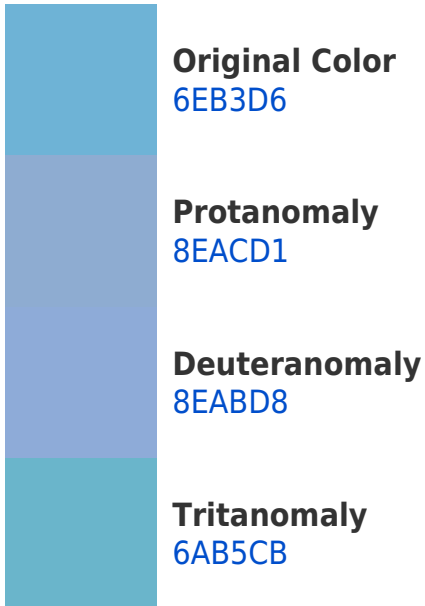
Dichromacy



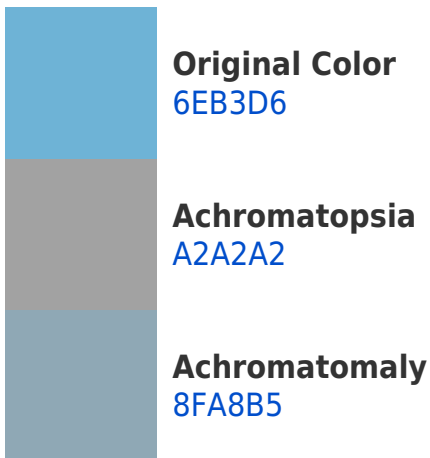


Tritanopia
68B6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6EB3D6 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 #6EB3D6 looks like.

```
.text, #text, p{  
    color:#6EB3D6  
}
```

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 #6EB3D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EB3D6
}
```

Border

The CSS property to change the border of an element to Hex 6EB3D6 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
#6EB3D6 }
```

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

```
.border{ border-color:#6EB3D6 }
```

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

Here you see how a box with a 4 pixel #6EB3D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EB3D6; -webkit-box-shadow:4px 4px  
4px 4px #6EB3D6; box-shadow:4px 4px 4px  
4px #6EB3D6 }
```

Background

The CSS property to change the background color of an element to Hex 6EB3D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EB3D6 }
```

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

```
.background{ background-color:#6EB3D6 }
```

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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