

Converting Colors

Hex(6ACBEA)

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

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Color

Hex(6ACBEA)

Conversions

Conversions Part 1

Format	Color
Hex	6ACBEA
RGB	106, 203, 234
RGB Percent	42%, 80%, 92%
CMY	0.5843, 0.2039, 0.0824
CMYK	0.55, 0.13, 0.00, 0.08
HSL	195°, 75%, 67%
HSV	195°, 55%, 92%
XYZ	42.1511, 51.7166, 85.6026
YIQ	177.5310, -67.7630, -10.9230

Conversions

Conversions Part 2

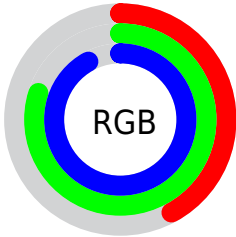
Format	Color
R _{YB}	106, 161, 234
Decimal	6999018
CIE Lab	77.11, -20.05, -24.05
CIE LCh	77, 31.311, 230.191
Yxy	51.7166, 0.2349, 0.2882
Android (android.graphics.Color)	4285189098 (0xFF6ACBEA)
YUV	177.5310, 27.8392, -62.7327
Hunter-Lab	71.9142, -21.2257, -20.2355

Details

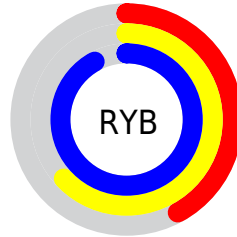
The Hex color **6ACBEA** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EA896A**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **A6FFFF**, and **2595B2** is the 20% darker color. If you saturate the color by 10%, you get **53C5EA**, and if you desaturate by 10%, it is **81D1EA**.

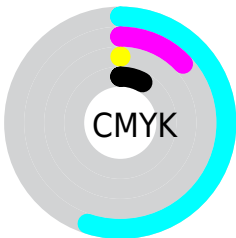
Distribution



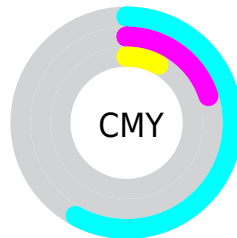
- Red (42%)
- Green (80%)
- Blue (92%)



- Red (42%)
- Yellow (63%)
- Blue (92%)



- Cyan (55%)
- Magenta (13%)
- Yellow (0%)
- Black (8%)



- Cyan (58%)
- Magenta (20%)
- Yellow (8%)

Brightness & Saturation Gradients

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

 6ACBEA

 6ACBEA

FFFFFF

 4BAFCE

 A6FFFF

 2595B2

 C3FFFF

 007B97

 E1FFFF

 00627D

 004A64

 00334C

 001F35

 000220

 000004

6ACBEA

6ACBEA

53C5EA

81D1EA

3BC0EA

99D6EA

24BAEA

B0DCEA

0CB4EA

C8E2EA

00B1EA

DFE7EA

F6EDEA

FFF3EA

FFF8EA

FFFEEA

Harmonies

Analogous

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



66CED1



6ACBEA



8BC4F7

Triad

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



6ACBEA



F2AAC9



BFC388

Complementary

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



6ACBEA



EA896A

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.



DCB986



6ACBEA



F9AAAC

Square

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



6ACBEA



DAB0E4



F1B093



9ECA98

Rectangle

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



6ACBEA



A8BEF7



F1B093



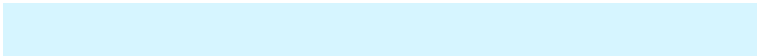
C9C085

Sweetspot

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



6ACBEA



D6F5FF



6AEA88



677A80



000000



808080

Same Dimension

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



6ACBEA



57D6FF



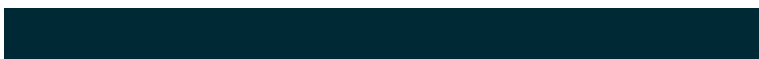
6A8CEA



6A7275



0089B5



002936

Inverse Universe

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



EA6ACB



FF57D6



EAC86A



756A72



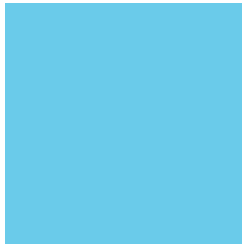
B50089



360029

Previews

White Background



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

Color Contrast Check

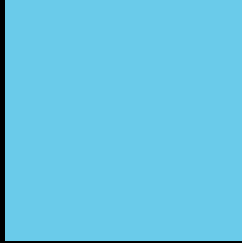
Large Text (above 18pt) WCAG AA × Fail

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 6ACBEA 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 6ACBEA Background



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

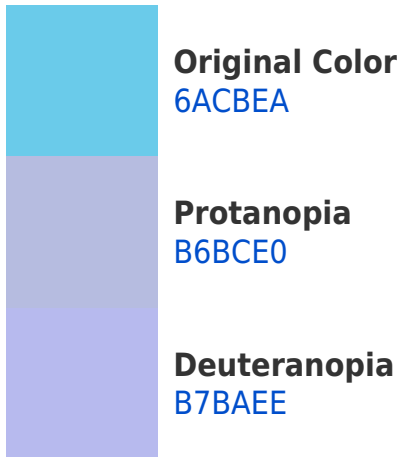


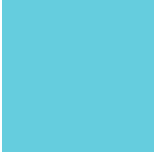
This preview shows how white text looks on a background with the Hex color 6ACBEA.

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](#).

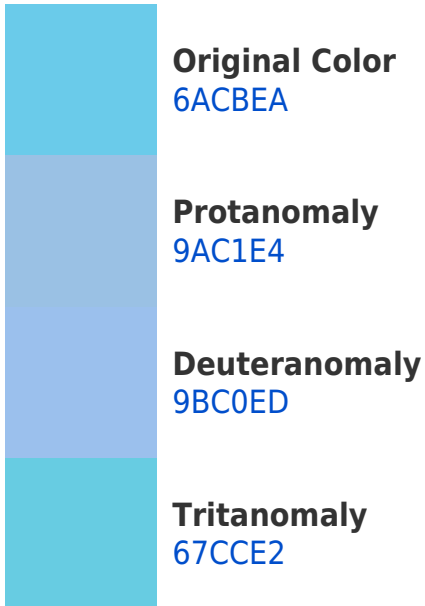
Dichromacy





Tritanopia
65CDDE

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #6ACBEA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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