

Converting Colors

Hex(6CB1DA)

Have a look what the booklet for
Hex(6CB1DA) contains.

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Color

Hex(6CB1DA)

Conversions

Conversions Part 1

Format	Color
Hex	6CB1DA
RGB	108, 177, 218
RGB Percent	42%, 69%, 85%
CMY	0.5765, 0.3059, 0.1451
CMYK	0.50, 0.19, 0.00, 0.15
HSL	202°, 60%, 64%
HSV	202°, 50%, 85%
XYZ	34.5614, 39.6944, 72.1699
YIQ	161.0430, -54.2850, -1.8770

Conversions

Conversions Part 2

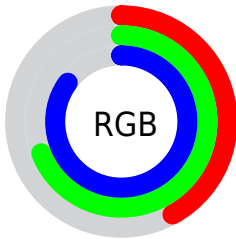
Format	Color
R _Y B	108, 150, 218
Decimal	7123418
CIE Lab	69.25, -10.58, -27.39
CIE LCh	69, 29.368, 248.876
Yxy	39.6944, 0.2360, 0.2711
Android (android.graphics.Color)	4285313498 (0xFF6CB1DA)
YUV	161.0430, 28.0798, -46.5187
Hunter-Lab	63.0035, -12.3376, -23.8137

Details

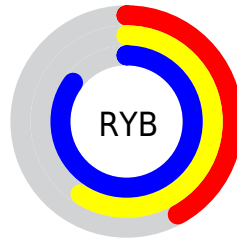
The Hex color **6CB1DA** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DA956C**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **A5E9FF**, and **307CA3** is the 20% darker color. If you saturate the color by 10%, you get **56A9DA**, and if you desaturate by 10%, it is **82B9DA**.

Distribution



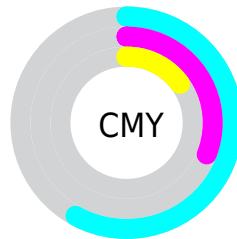
- Red (42%)
- Green (69%)
- Blue (85%)



- Red (42%)
- Yellow (59%)
- Blue (85%)



- Cyan (50%)
- Magenta (19%)
- Yellow (0%)
- Black (15%)



- Cyan (58%)
- Magenta (31%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CB1DA 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 6CB1DA by changing the saturation by 10% instead.

6CB1DA

6CB1DA

FFFFFF

4F96BE

A5E9FF

307CA3

C2FFFF

006489

DFFFFF

004C6F

FDFFFF

003556

00203F

000329

000113

000000

■ 6CB1DA

■ 6CB1DA

■ 56A9DA

■ 82B9DA

■ 40A1DA

■ 98C1DA

■ 2B99DA

■ ADC9DA

■ 1590DA

■ C3D2DA

■ 0089DA

■ D9DADA

■ EFE2DA

■ FFEADA

■ FFF2DA

■ FFFADA

Harmonies

Analogous

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



55B6CA



6CB1DA



92A9DD

Triad

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



6CB1DA



DE95A2



97B17F

Complementary

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



6CB1DA



DA956C

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.



B4AA74



6CB1DA



DB9989

Square

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



6CB1DA



D298BD



CCA178



78B695

Rectangle

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



6CB1DA



ACA3D8



CCA178



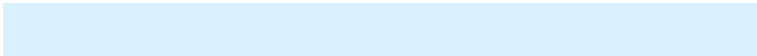
A1AF7A

Sweetspot

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



6CB1DA



D9F1FF



6CDA94



697780



000000



808080

Same Dimension

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



6CB1DA



63C5FF



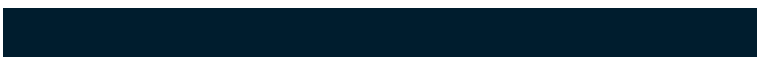
6C7BDA



636A6E



006DAD



001D2E

Inverse Universe

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



DA6CB1



FF63C5



DACB6C



6E636A



AD006D



2E001D

Previews

White Background



This preview shows how the Hex color 6CB1DA looks on a white background.

Color Contrast Check

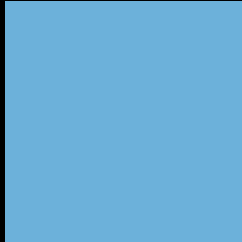
Large Text (above 18pt) WCAG AA × Fail

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 6CB1DA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

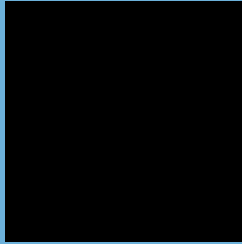
Any Text WCAG AA ✓ Pass

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 6CB1DA Background



This preview shows how black text looks on a background with the Hex color 6CB1DA.

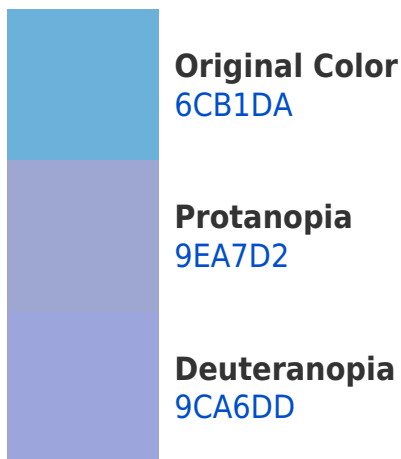


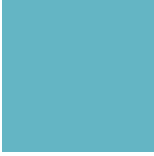
This preview shows how white text looks on a background with the Hex color 6CB1DA.

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](#).

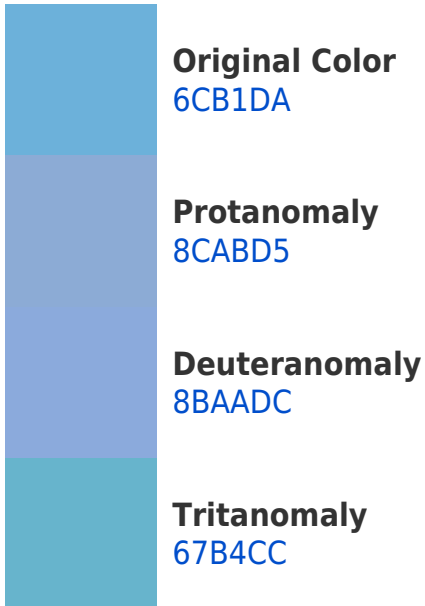
Dichromacy



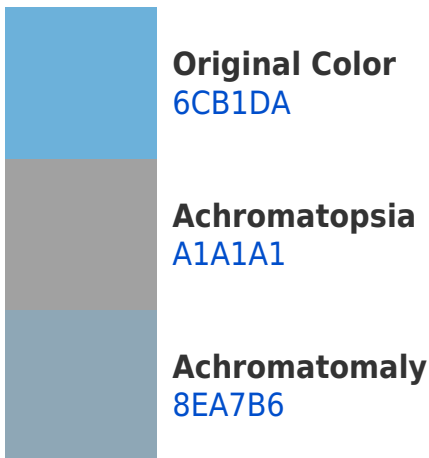


Tritanopia
64B5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6CB1DA 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 #6CB1DA looks like.

```
.text, #text, p{  
    color:#6CB1DA  
}
```

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 #6CB1DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CB1DA
}
```

Border

The CSS property to change the border of an element to Hex 6CB1DA 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
#6CB1DA }
```

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

```
.border{ border-color:#6CB1DA }
```

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

Here you see how a box with a 4 pixel #6CB1DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CB1DA; -webkit-box-shadow:4px 4px  
4px 4px #6CB1DA; box-shadow:4px 4px 4px  
4px #6CB1DA }
```

Background

The CSS property to change the background color of an element to Hex 6CB1DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CB1DA }
```

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

```
.background{ background-color:#6CB1DA }
```

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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