

Converting Colors

Hex(5AB2CD)

Have a look what the booklet for
Hex(5AB2CD) contains.

Hex(5AB2CD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5AB2CD)

Conversions

Conversions Part 1

Format	Color
Hex	5AB2CD
RGB	90, 178, 205
RGB Percent	35%, 70%, 80%
CMY	0.6471, 0.3020, 0.1961
CMYK	0.56, 0.13, 0.00, 0.20
HSL	194°, 53%, 58%
HSV	194°, 56%, 80%
XYZ	31.1563, 38.4222, 63.5317
YIQ	154.7660, -61.1150, -10.2590

Conversions

Conversions Part 2

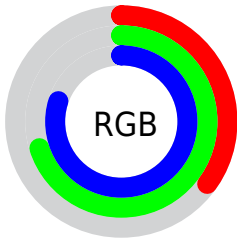
Format	Color
RYB	90, 140, 205
Decimal	5944013
CIELab	68.33, -18.74, -21.73
CIELCh	68, 28.694, 229.217
Yxy	38.4222, 0.2341, 0.2886
Android (android.graphics.Color)	4284134093 (0xFF5AB2CD)
YUV	154.7660, 24.7654, -56.7998
Hunter-Lab	61.9857, -18.7542, -17.3789

Details

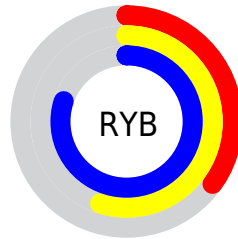
The Hex color **5AB2CD** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **CD755A**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **94EAFF**, and **107D97** is the 20% darker color. If you saturate the color by 10%, you get **46ADCD**, and if you desaturate by 10%, it is **6FB7CD**.

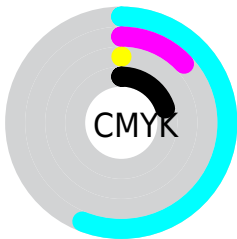
Distribution



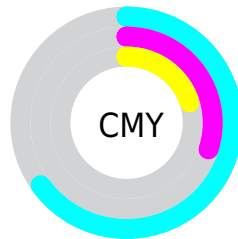
- Red (35%)
- Green (70%)
- Blue (80%)



- Red (35%)
- Yellow (55%)
- Blue (80%)



- Cyan (56%)
- Magenta (13%)
- Yellow (0%)
- Black (20%)



- Cyan (65%)
- Magenta (30%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AB2CD 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 5AB2CD by changing the saturation by 10% instead.

■ 5AB2CD

■ 5AB2CD

FFFFFF

■ 3B97B1

■ 94EAFB

■ 107D97

■ B1FFFF

■ 00647D

■ CFFFFFF

■ 004C64

■ EDFFFF

■ 00354C

■ 002035

■ 000220

■ 000004

■ 000000

■ 5AB2CD

■ 5AB2CD

■ 46ADCD

■ 6FB7CD

■ 31A8CD

■ 83BCCD

■ 1DA4CD

■ 98C0CD

■ 089FCD

■ ACC5CD

■ 009DCD

■ C1ACD

■ D5CFCD

■ EAD4CD

■ FED9CD

■ FFDDCD

Harmonies

Analogous

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



57B5B7



5AB2CD



78ACD9

Triad

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



5AB2CD



D494B1



A8AA75

Complementary

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



5AB2CD



CD755A

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.



C2A274



5AB2CD



DB9497

Square

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



5AB2CD



BE9AC9



D49980



8AB184

Rectangle

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



5AB2CD



91A6D9



D49980



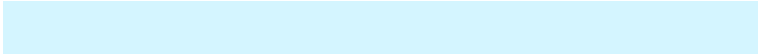
B1A873

Sweetspot

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



5AB2CD



D4F5FF



5ACD75



667A80



000000



808080

Same Dimension

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



5AB2CD



54D7FF



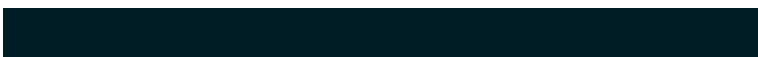
5A79CD



5C6466



007FA6



001D26

Inverse Universe

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



CD5AB2



FF54D7



CDAE5A



665C64



A6007F



26001D

Previews

White Background



This preview shows how the Hex color 5AB2CD looks on a white background.

Color Contrast Check

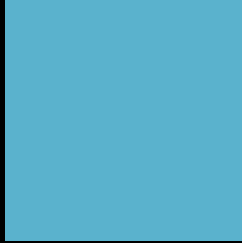
Large Text (above 18pt) WCAG AA × Fail

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 5AB2CD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

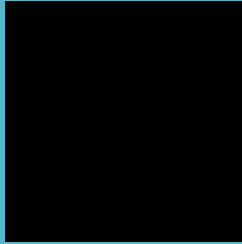
Any Text WCAG AA ✓ Pass

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 5AB2CD Background



This preview shows how black text looks on a background with the Hex color 5AB2CD.

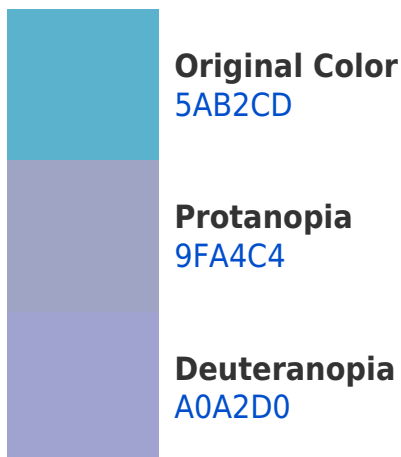


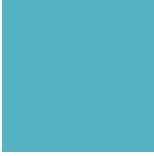
This preview shows how white text looks on a background with the Hex color 5AB2CD.

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](#).

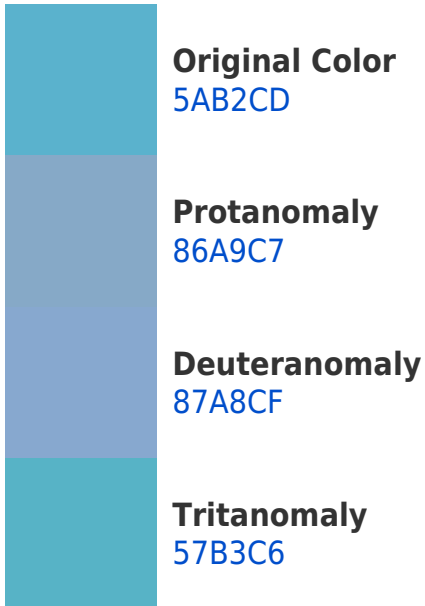
Dichromacy



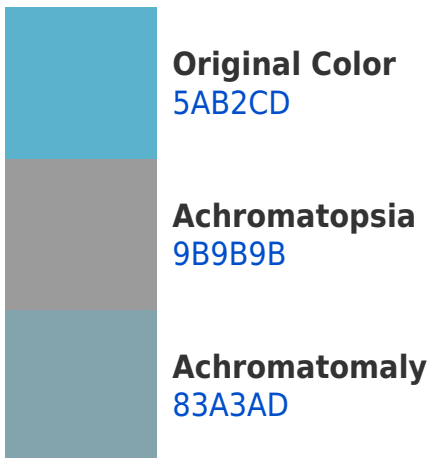


Tritanopia
56B4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5AB2CD 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 #5AB2CD looks like.

```
.text, #text, p{  
    color:#5AB2CD  
}
```

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 #5AB2CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AB2CD
}
```

Border

The CSS property to change the border of an element to Hex 5AB2CD 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
#5AB2CD }
```

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

```
.border{ border-color:#5AB2CD }
```

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

Here you see how a box with a 4 pixel #5AB2CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AB2CD; -webkit-box-shadow:4px 4px  
4px 4px #5AB2CD; box-shadow:4px 4px 4px  
4px #5AB2CD }
```

Background

The CSS property to change the background color of an element to Hex 5AB2CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AB2CD }
```

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

```
.background{ background-color:#5AB2CD }
```

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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