

Converting Colors

Hex(64A3CB)

Have a look what the booklet for
Hex(64A3CB) contains.

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Color

Hex(64A3CB)

Conversions

Conversions Part 1

Format	Color
Hex	64A3CB
RGB	100, 163, 203
RGB Percent	39%, 64%, 80%
CMY	0.6078, 0.3608, 0.2039
CMYK	0.51, 0.20, 0.00, 0.20
HSL	203°, 50%, 59%
HSV	203°, 51%, 80%
XYZ	29.1322, 33.2155, 61.3757
YIQ	148.7230, -50.3880, -0.9160

Conversions

Conversions Part 2

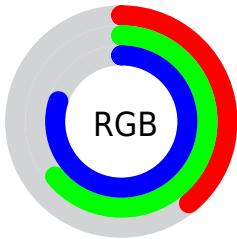
Format	Color
RYB	100, 139, 203
Decimal	6595531
CIELab	64.34, -9.15, -26.70
CIELCh	64, 28.229, 251.079
Yxy	33.2155, 0.2355, 0.2685
Android (android.graphics.Color)	4284785611 (0xFF64A3CB)
YUV	148.7230, 26.7586, -42.7301
Hunter-Lab	57.6329, -10.6296, -22.7974

Details

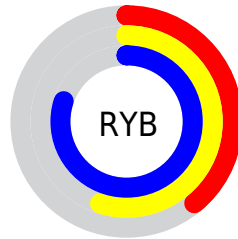
The Hex color **64A3CB** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CB8C64**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **9CDAFF**, and **286F95** is the 20% darker color. If you saturate the color by 10%, you get **509BCB**, and if you desaturate by 10%, it is **78ABCB**.

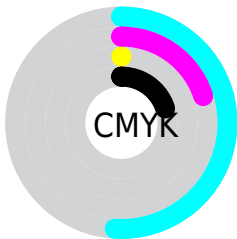
Distribution



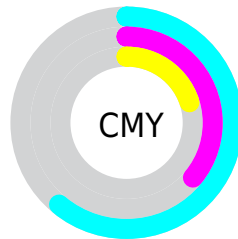
- Red (39%)
- Green (64%)
- Blue (80%)



- Red (39%)
- Yellow (55%)
- Blue (80%)



- Cyan (51%)
- Magenta (20%)
- Yellow (0%)
- Black (20%)



- Cyan (61%)
- Magenta (36%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64A3CB 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 64A3CB by changing the saturation by 10% instead.

■ 64A3CB

■ 64A3CB

FFFFFF

■ 4789AF

■ 9CDAFF

■ 286F95

■ B9F6FF

■ 00577B

■ D6FFFF

■ 004062

■ F3FFFF

■ 002A4A

■ 001633

■ 00021E

■ 000000

■ 64A3CB

■ 64A3CB

■ 509BCB

■ 78ABCB

■ 3B93CB

■ 8DB3CB

■ 278BCB

■ A1BBCB

■ 1383CB

■ B5C3CB

■ 007CCB

■ CACACB

■ DED2CB

■ F2DACB

■ FFE2CB

■ FFEACB

Harmonies

Analogous

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



4CA8BC



64A3CB



899BCD

Triad

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



64A3CB



CE8993



88A475

Complementary

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



64A3CB



CB8C64

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.



A49D6A



64A3CB



CB8D7C

Square

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



64A3CB



C48BAD



BC956D



6BA98B

Rectangle

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



64A3CB



A195C7



BC956D



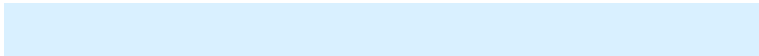
92A270

Sweetspot

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



64A3CB



D9F0FF



64CB8B



697780



000000



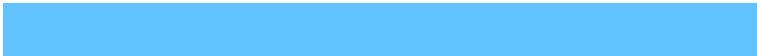
808080

Same Dimension

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



64A3CB



63C3FF



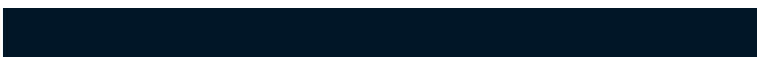
6470CB



5C6266



0065A6



001726

Inverse Universe

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



CB64A3



FF63C3



CBBF64



665C62



A60065



260017

Previews

White Background



This preview shows how the Hex color 64A3CB looks on a white background.

Color Contrast Check

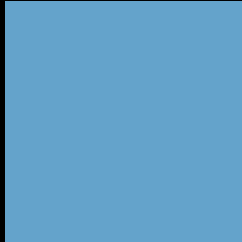
Large Text (above 18pt) WCAG AA × Fail

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 64A3CB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

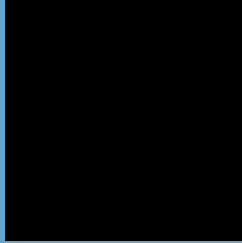
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

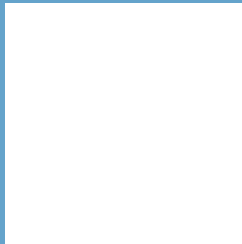
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 64A3CB Background



This preview shows how black text looks on a background with the Hex color 64A3CB.

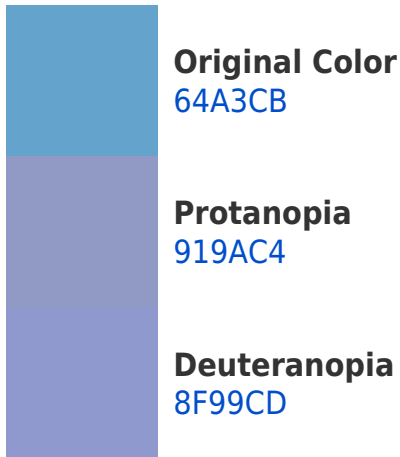


This preview shows how white text looks on a background with the Hex color 64A3CB.

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](#).

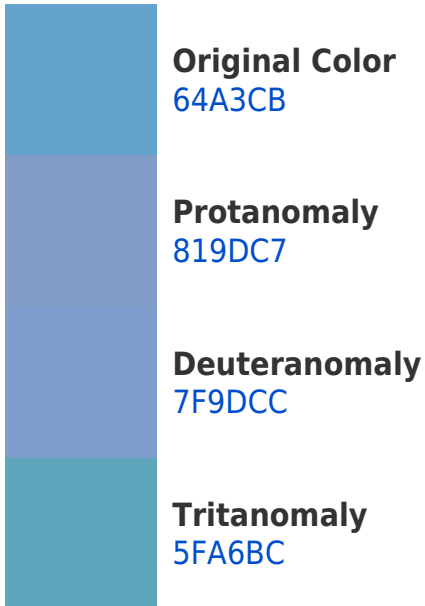
Dichromacy



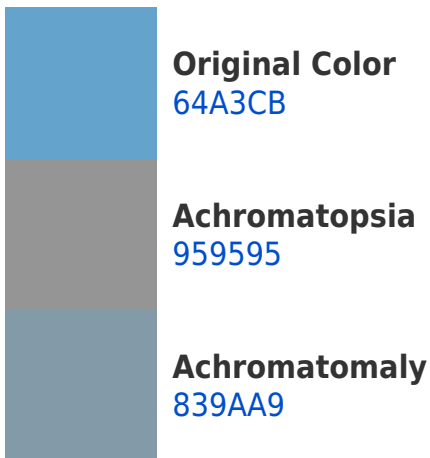


Tritanopia
5CA7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64A3CB 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 #64A3CB looks like.

```
.text, #text, p{  
    color:#64A3CB  
}
```

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 #64A3CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64A3CB
}
```

Border

The CSS property to change the border of an element to Hex 64A3CB 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
#64A3CB }
```

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

```
.border{ border-color:#64A3CB }
```

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

Here you see how a box with a 4 pixel #64A3CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64A3CB; -webkit-box-shadow:4px 4px  
4px 4px #64A3CB; box-shadow:4px 4px 4px  
4px #64A3CB }
```

Background

The CSS property to change the background color of an element to Hex 64A3CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64A3CB }
```

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

```
.background{ background-color:#64A3CB }
```

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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