

Converting Colors

Hex(5BA3DA)

Have a look what the booklet for
Hex(5BA3DA) contains.

Hex(5BA3DA)	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(5BA3DA)

Conversions

Conversions Part 1

Format	Color
Hex	5BA3DA
RGB	91, 163, 218
RGB Percent	36%, 64%, 85%
CMY	0.6431, 0.3608, 0.1451
CMYK	0.58, 0.25, 0.00, 0.15
HSL	206°, 63%, 61%
HSV	206°, 58%, 85%
XYZ	30.0665, 33.4805, 71.2074
YIQ	147.7420, -60.5670, 1.8410

Conversions

Conversions Part 2

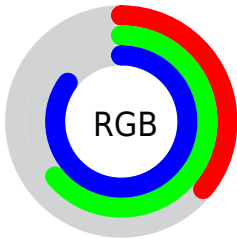
Format	Color
R_{YB}	91, 137, 218
Decimal	6005722
CIE Lab	64.55, -6.51, -34.72
CIE LCh	65, 35.329, 259.388
Yxy	33.4805, 0.2231, 0.2485
Android (android.graphics.Color)	4284195802 (0xFF5BA3DA)
YUV	147.7420, 34.6372, -49.7627
Hunter-Lab	57.8623, -8.5068, -32.4607

Details

The Hex color **5BA3DA** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **DA925B**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **96DAFF**, and **0F70A3** is the 20% darker color. If you saturate the color by 10%, you get **459ADA**, and if you desaturate by 10%, it is **71ACDA**.

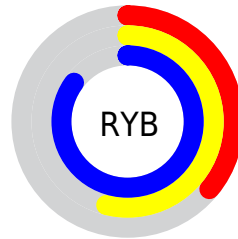
Distribution



Red (36%)

Green (64%)

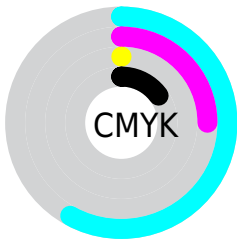
Blue (85%)



Red (36%)

Yellow (54%)

Blue (85%)

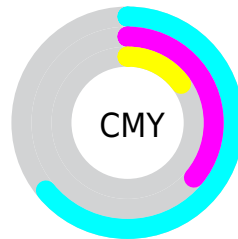


Cyan (58%)

Magenta (25%)

Yellow (0%)

Black (15%)



Cyan (64%)

Magenta (36%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BA3DA 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 5BA3DA by changing the saturation by 10% instead.

■ 5BA3DA

■ 5BA3DA

FFFFFF

■ 3B89BE

■ 96DAFF

■ 0F70A3

■ B3F6FF

■ 005788

■ D1FFFF

■ 00406F

■ EEEFFF

■ 002A56

■ 00173E

■ 000328

■ 000112

■ 000000

■ 5BA3DA

■ 5BA3DA

■ 459ADA

■ 71ACDA

■ 2F90DA

■ 87B6DA

■ 1A87DA

■ 9CBFDA

■ 047DDA

■ B2C9DA

■ 007CDA

■ C8D2DA

■ DEDCDA

■ F4E5DA

■ FFEFDA

■ FFF8DA

Harmonies

Analogous

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



22AACC



5BA3DA



9098D8

Triad

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



5BA3DA



DA8589



79A972

Complementary

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



5BA3DA



DA925B

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.



9DA160



5BA3DA



D18C6E

Square

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



5BA3DA



D385A9



BB975E



50AD90

Rectangle

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



5BA3DA



AD91CD



BB975E



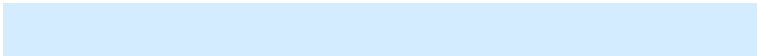
85A66B

Sweetspot

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



5BA3DA



D4ECFF



5BDA90



667480



000000



808080

Same Dimension

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



5BA3DA



4DB2FF



5B66DA



63696E



0062AD



001A2E

Inverse Universe

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



DA5BA3



FF4DB2



DACF5B



6E6369



AD0062



2E001A

Previews

White Background



This preview shows how the Hex color 5BA3DA looks on a white background.

Color Contrast Check

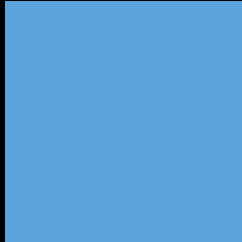
Large Text (above 18pt) WCAG AA × Fail

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 5BA3DA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

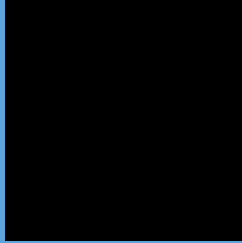
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

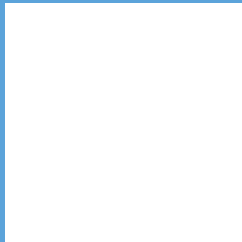
Any Text WCAG AAA ✓ Pass

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

Hex 5BA3DA Background



This preview shows how black text looks on a background with the Hex color 5BA3DA.

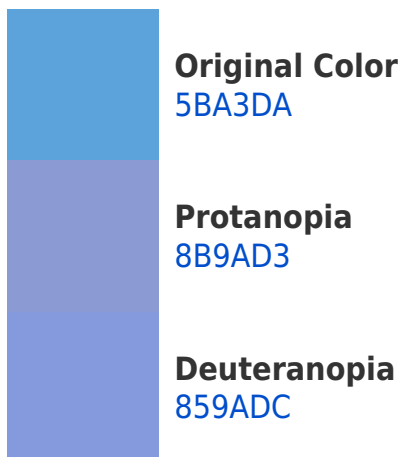


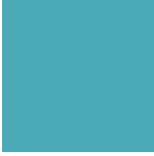
This preview shows how white text looks on a background with the Hex color 5BA3DA.

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](#).

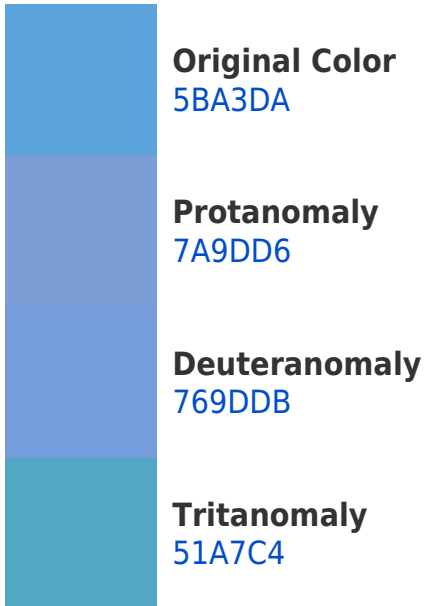
Dichromacy



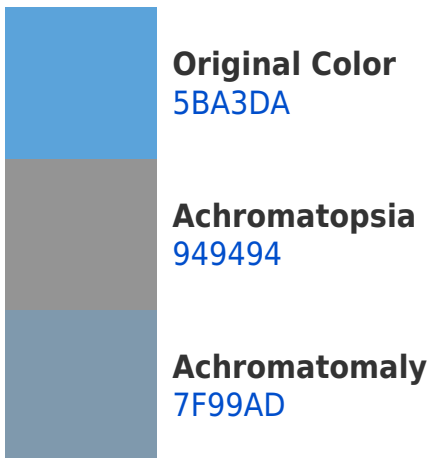


Tritanopia
4CA9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BA3DA 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 #5BA3DA looks like.

```
.text, #text, p{  
    color:#5BA3DA  
}
```

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 #5BA3DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BA3DA
}
```

Border

The CSS property to change the border of an element to Hex 5BA3DA 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
#5BA3DA }
```

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

```
.border{ border-color:#5BA3DA }
```

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

Here you see how a box with a 4 pixel #5BA3DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BA3DA; -webkit-box-shadow:4px 4px  
4px 4px #5BA3DA; box-shadow:4px 4px 4px  
4px #5BA3DA }
```

Background

The CSS property to change the background color of an element to Hex 5BA3DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BA3DA }
```

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

```
.background{ background-color:#5BA3DA }
```

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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