

Converting Colors

Hex(63A1BD)

Have a look what the booklet for
Hex(63A1BD) contains.

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Color

Hex(63A1BD)

Conversions

Conversions Part 1

Format	Color
Hex	63A1BD
RGB	99, 161, 189
RGB Percent	39%, 63%, 74%
CMY	0.6118, 0.3686, 0.2588
CMYK	0.48, 0.15, 0.00, 0.26
HSL	199°, 41%, 56%
HSV	199°, 48%, 74%
XYZ	27.0758, 31.8165, 52.8583
YIQ	145.6540, -45.9400, -4.4360

Conversions

Conversions Part 2

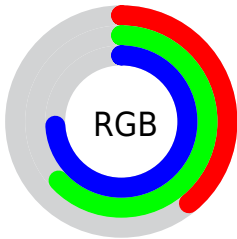
Format	Color
R _Y B	99, 136, 189
Decimal	6529469
CIE Lab	63.19, -12.35, -20.65
CIE LCh	63, 24.061, 239.120
Yxy	31.8165, 0.2423, 0.2847
Android (android.graphics.Color)	4284719549 (0xFF63A1BD)
YUV	145.6540, 21.3696, -40.9156
Hunter-Lab	56.4061, -13.0281, -16.0765

Details

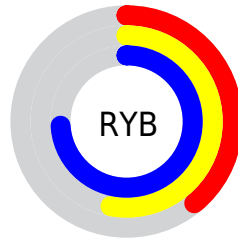
The Hex color **63A1BD** is a light color, and the websafe version is hex **3399CC**. A complement of this color would be **BD7F63**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **9AD8F5**, and **2A6D88** is the 20% darker color. If you saturate the color by 10%, you get **509BBD**, and if you desaturate by 10%, it is **76A7BD**.

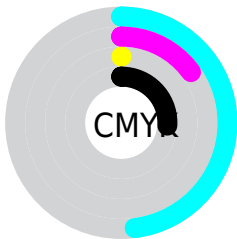
Distribution



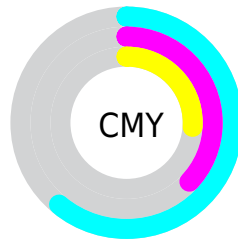
- Red (39%)
- Green (63%)
- Blue (74%)



- Red (39%)
- Yellow (53%)
- Blue (74%)



- Cyan (48%)
- Magenta (15%)
- Yellow (0%)
- Black (26%)



- Cyan (61%)
- Magenta (37%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63A1BD 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 63A1BD by changing the saturation by 10% instead.

■ 63A1BD

■ 63A1BD

FFFFFF

■ 4787A2

■ 9AD8F5

■ 2A6D88

■ B7F4FF

■ 00556E

■ D3FFFF

■ 003E56

■ F1FFFF

■ 00283E

■ 001428

■ 000113

■ 000000

■ 63A1BD

■ 63A1BD

■ 509BBD

■ 76A7BD

■ 3D95BD

■ 89ADBD

■ 2A8FBD

■ 9CB3BD

■ 1789BD

■ AFB9BD

■ 0584BD

■ C2BEBD

■ 0082BD

■ D4C4BD

■ E7CABD

■ FAD0BD

■ FFD6BD

Harmonies

Analogous

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



59A4AD



63A1BD



7D9BC3

Triad

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



63A1BD



C2899A



929E73

Complementary

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



63A1BD



BD7F63

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.



A9976E



63A1BD



C48B85

Square

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



63A1BD



B48DAF



BB9075



7AA382

Rectangle

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



63A1BD



9296C1



BB9075



9A9C70

Sweetspot

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



63A1BD



D3EAF5



63BD7E



66747A



FAFAFA



7A7A7A

Same Dimension

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



63A1BD



69C9F5



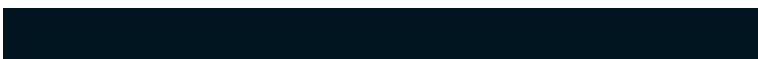
6375BD



555B5E



006D9E



00151F

Inverse Universe

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



BD63A1



F569C9



BDAB63



5E555B



9E006D



1F0015

Previews

White Background



This preview shows how the Hex color 63A1BD looks on a white background.

Color Contrast Check

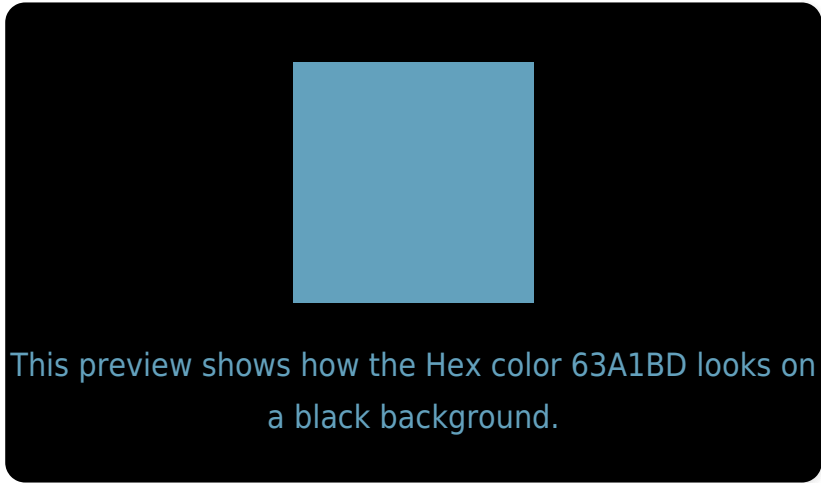
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

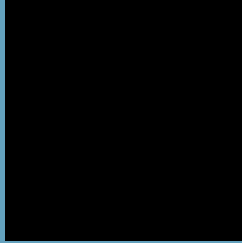
Any Text WCAG AA ✓ Pass

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 63A1BD Background



This preview shows how black text looks on a background with the Hex color 63A1BD.



This preview shows how white text looks on a background with the Hex color 63A1BD.

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](#).

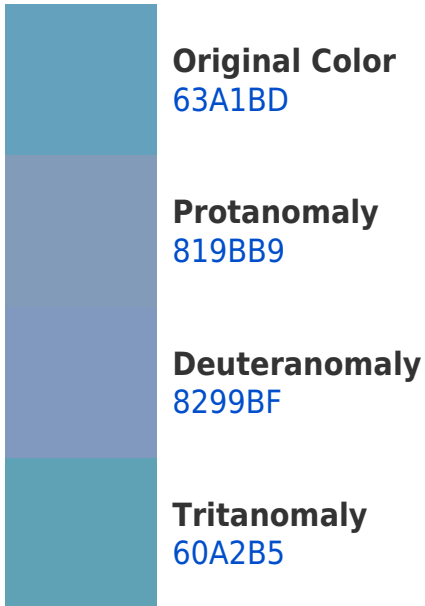
Dichromacy



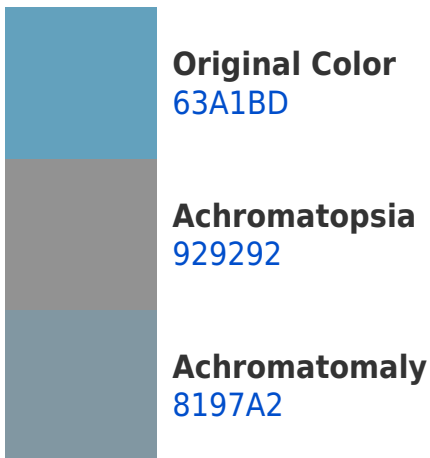


Tritanopia
5FA3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63A1BD 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 #63A1BD looks like.

```
.text, #text, p{  
    color:#63A1BD  
}
```

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 #63A1BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63A1BD
}
```

Border

The CSS property to change the border of an element to Hex 63A1BD 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
#63A1BD }
```

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

```
.border{ border-color:#63A1BD }
```

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

Here you see how a box with a 4 pixel #63A1BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63A1BD; -webkit-box-shadow:4px 4px  
4px 4px #63A1BD; box-shadow:4px 4px 4px  
4px #63A1BD }
```

Background

The CSS property to change the background color of an element to Hex 63A1BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63A1BD }
```

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

```
.background{ background-color:#63A1BD }
```

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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