

# Converting Colors

Hex(61A3BE)

Have a look what the booklet for  
Hex(61A3BE) contains.

<b>Hex(61A3BE)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(61A3BE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61A3BE
RGB	97, 163, 190
RGB Percent	38%, 64%, 75%
CMY	0.6196, 0.3608, 0.2549
CMYK	0.49, 0.14, 0.00, 0.25
HSL	197°, 42%, 56%
HSV	197°, 49%, 75%
XYZ	27.3212, 32.4535, 53.5394
YIQ	146.3440, -48.0030, -5.5950

# Conversions

## Conversions Part 2

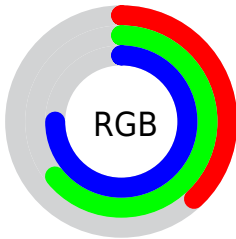
Format	Color
<b>RYB</b>	97, 136, 190
Decimal	6398910
CIELab	63.72, -13.62, -20.42
CIElCh	64, 24.544, 236.292
Yxy	32.4535, 0.2411, 0.2864
Android (android.graphics.Color)	4284588990 (0xFF61A3BE)
YUV	146.3440, 21.5224, -43.2747
Hunter-Lab	56.9680, -14.0872, -15.8441

# Details

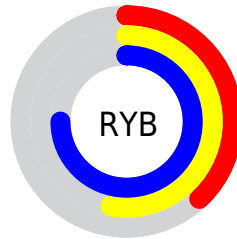
The Hex color **61A3BE** is a light color, and the websafe version is hex **3399CC**. A complement of this color would be **BE7C61**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **99DAF6**, and **266F89** is the 20% darker color. If you saturate the color by 10%, you get **4E9DBE**, and if you desaturate by 10%, it is **74A9BE**.

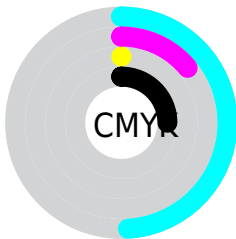
# Distribution



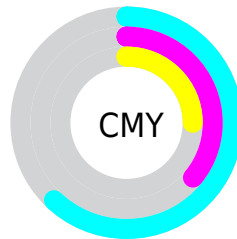
- Red (38%)
- Green (64%)
- Blue (75%)



- Red (38%)
- Yellow (53%)
- Blue (75%)



- Cyan (49%)
- Magenta (14%)
- Yellow (0%)
- Black (25%)



- Cyan (62%)
- Magenta (36%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61A3BE 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 61A3BE by changing the saturation by 10% instead.



61A3BE

61A3BE

FFFFFF

4589A3

99DAF6

266F89

B5F6FF

00576F

D2FFFF

003F57

FFFFFF

00293F

001629

000114

000000

61A3BE

61A3BE

■ 4E9DBE

■ 74A9BE

■ 3B98BE

■ 87AEBE

■ 2892BE

■ 9AB4BE

■ 158DBE

■ ADB9BE

■ 0287BE

■ C0BFBE

■ 0087BE

■ D3C4BE

■ E6CABE

■ F9CFBE

■ FFD5BE

# Harmonies

## Analogous

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



59A6AD



61A3BE



7B9DC6

# Triad

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



61A3BE



C38B9E



969F73

# Complementary

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



61A3BE



BE7C61

# 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.



AD986F



61A3BE



C68B88

# Square

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



61A3BE



B48FB3



BE9177



7DA481

# Rectangle

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



61A3BE



9098C4



BE9177



9E9D70



# Sweetspot

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



61A3BE



D2EDF7



61BE7B



66767D



FCFCFC



7D7D7D



# Same Dimension

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



61A3BE



65CDF7



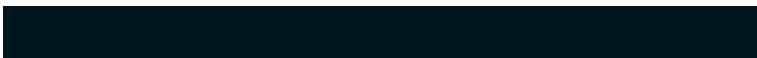
6175BE



555C5E



00709E



00161F



# Inverse Universe

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



BE61A3



F765CD



BEAA61



5E555C



9E0070



1F0016



# Previews

## White Background



This preview shows how the Hex color 61A3BE looks on a white background.

## Color Contrast Check

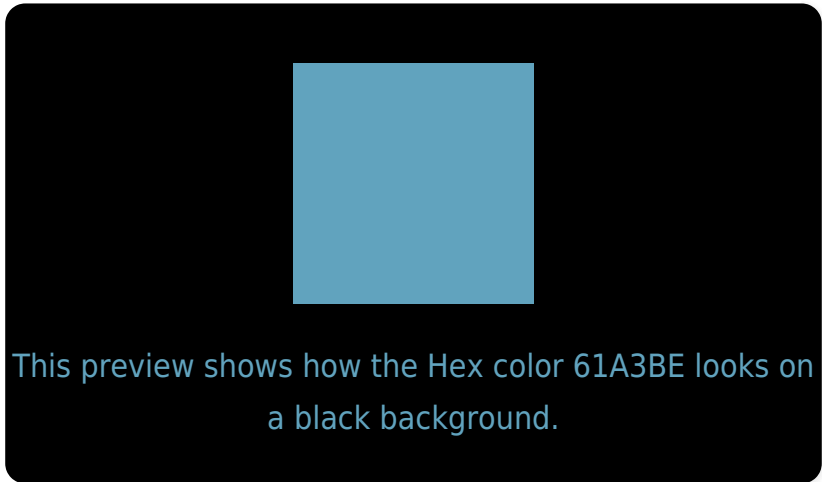
Large Text (above 18pt) WCAG AA × Fail

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

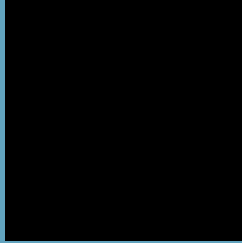
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 61A3BE Background



This preview shows how black text looks on a background with the Hex color 61A3BE.

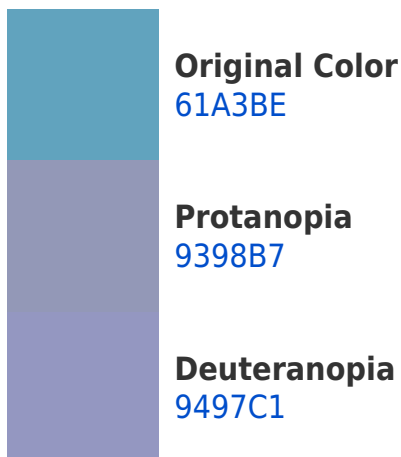


This preview shows how white text looks on a background with the Hex color 61A3BE.

# Color Blindness Simulation

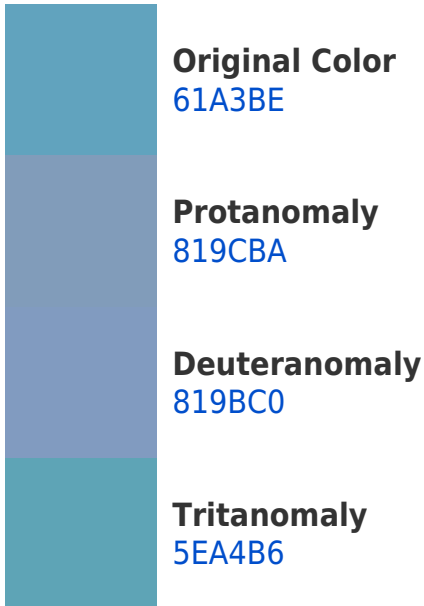
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61A3BE 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 #61A3BE looks like.

```
.text, #text, p{  
    color:#61A3BE  
}
```

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 #61A3BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61A3BE
}
```

## Border

The CSS property to change the border of an element to Hex 61A3BE 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
#61A3BE }
```

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

```
.border{ border-color:#61A3BE }
```

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

Here you see how a box with a 4 pixel #61A3BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61A3BE; -webkit-box-shadow:4px 4px  
4px 4px #61A3BE; box-shadow:4px 4px 4px  
4px #61A3BE }
```

# Background

The CSS property to change the background color of an element to Hex 61A3BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61A3BE }
```

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

```
.background{ background-color:#61A3BE }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor