

# Converting Colors

Hex(63A5A5)

Have a look what the booklet for  
Hex(63A5A5) contains.

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**Color**

**Hex(63A5A5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63A5A5
RGB	99, 165, 165
RGB Percent	39%, 65%, 65%
CMY	0.6118, 0.3529, 0.3529
CMYK	0.40, 0.00, 0.00, 0.35
HSL	180°, 27%, 52%
HSV	180°, 40%, 65%
XYZ	25.3923, 32.2795, 40.4896
YIQ	145.2660, -39.3360, -13.9920

# Conversions

## Conversions Part 2

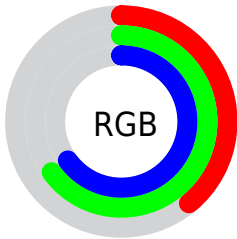
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 132, 165
Decimal	6530469
CIELab	63.57, -20.96, -6.63
CIELCh	64, 21.985, 197.543
Yxy	32.2795, 0.2587, 0.3288
Android (android.graphics.Color)	4284720549 (0xFF63A5A5)
YUV	145.2660, 9.7289, -40.5753
Hunter-Lab	56.8151, -19.6497, -2.4828

# Details

The Hex color **63A5A5** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A56363**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **99DCDC**, and **2D7171** is the 20% darker color. If you saturate the color by 10%, you get **52A5A5**, and if you desaturate by 10%, it is **73A5A5**.

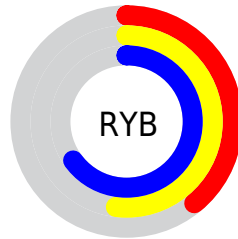
# Distribution



Red (39%)

Green (65%)

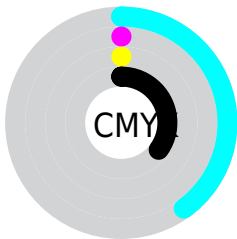
Blue (65%)



Red (39%)

Yellow (52%)

Blue (65%)

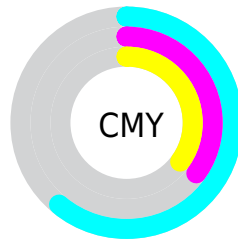


Cyan (40%)

Magenta (0%)

Yellow (0%)

Black (35%)



Cyan (61%)

Magenta (35%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63A5A5 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 63A5A5 by changing the saturation by 10% instead.





63A5A5



63A5A5

FFFFFF



488B8B



99DCDC



2D7171



B5F9F8



0B5859



D1FFFF



004141



EEEFFF



002A2B



001617



000000



63A5A5



63A5A5



52A5A5



73A5A5

42A5A5

84A5A5

32A5A5

94A5A5

21A5A5

A5A5A5

10A5A5

B6A5A5

00A5A5

C6A5A5

D6A5A5

E7A5A5

F7A5A5

# Harmonies

## Analogous

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



71A591



63A5A5



65A3B6

# Triad

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



63A5A5



AB91B5



B09674

# Complementary

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



63A5A5



A56363

# 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.



BE907E



63A5A5



BC8DA3

# Square

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



63A5A5



9298BF



C28C8F



9D9C74

# Rectangle

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



63A5A5



70A0BE



C28C8F



B59476



# Sweetspot

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



63A5A5



BCD6D6



63A563



5C6B6B



EBEBEB



6B6B6B



# Same Dimension

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



63A5A5



6FD6D6



6384A5



495252



009191



001212



# Inverse Universe

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



A563A5



D66FD6



A58463



524952



910091

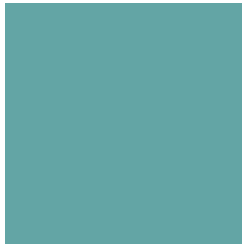


120012



# Previews

## White Background



This preview shows how the Hex color 63A5A5 looks on a white background.

## Color Contrast Check

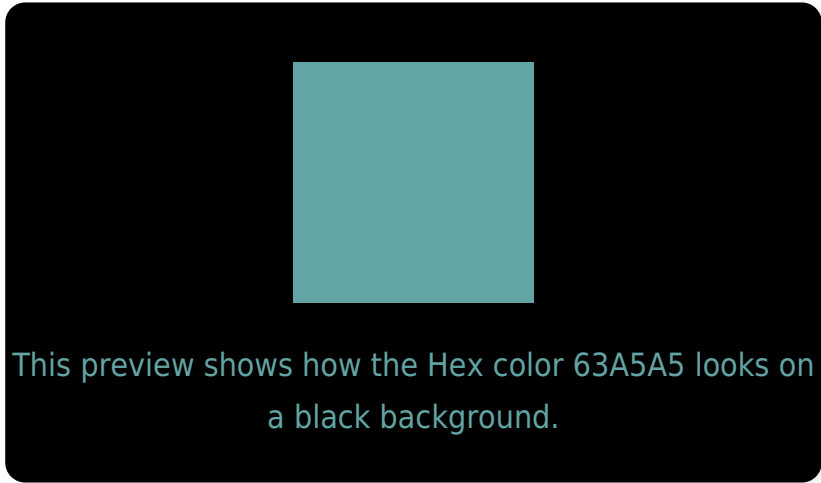
Large Text (above 18pt) WCAG AA × Fail

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

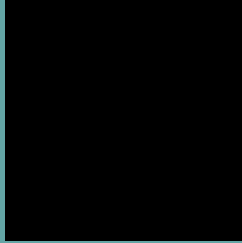
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 63A5A5 Background



This preview shows how black text looks on a background with the Hex color 63A5A5.

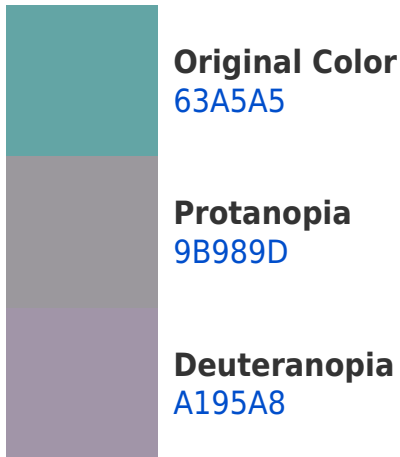


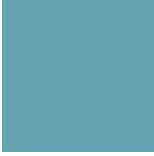
This preview shows how white text looks on a background with the Hex color 63A5A5.

# 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](#).

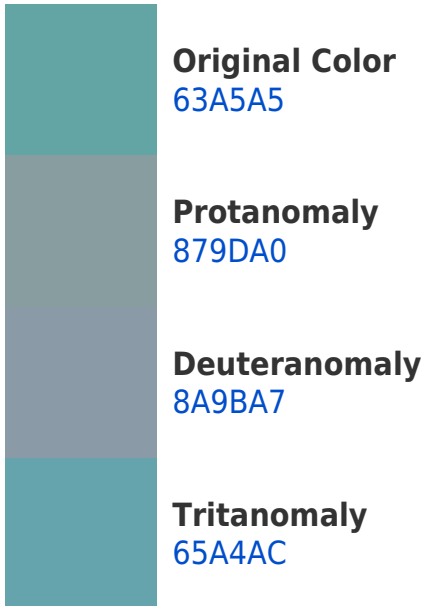
## Dichromacy



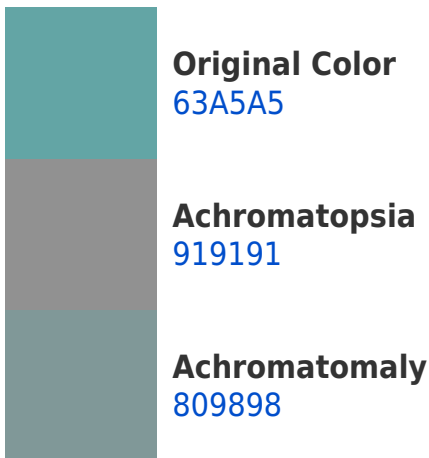


**Tritanopia**  
66A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63A5A5 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 #63A5A5 looks like.

```
.text, #text, p{  
    color:#63A5A5  
}
```

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 #63A5A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63A5A5
}
```

## Border

The CSS property to change the border of an element to Hex 63A5A5 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
#63A5A5 }
```

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

```
.border{ border-color:#63A5A5 }
```

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

Here you see how a box with a 4 pixel #63A5A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63A5A5; -webkit-box-shadow:4px 4px  
4px 4px #63A5A5; box-shadow:4px 4px 4px  
4px #63A5A5 }
```

# Background

The CSS property to change the background color of an element to Hex 63A5A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63A5A5 }
```

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

```
.background{ background-color:#63A5A5 }
```

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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