

# Converting Colors

Hex(5A90AA)

Have a look what the booklet for  
Hex(5A90AA) contains.

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**Color**

**Hex(5A90AA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5A90AA
RGB	90, 144, 170
RGB Percent	35%, 56%, 67%
CMY	0.6471, 0.4353, 0.3333
CMYK	0.47, 0.15, 0.00, 0.33
HSL	200°, 32%, 51%
HSV	200°, 47%, 67%
XYZ	21.4454, 25.0225, 41.7297
YIQ	130.8180, -40.5300, -3.3620

# Conversions

## Conversions Part 2

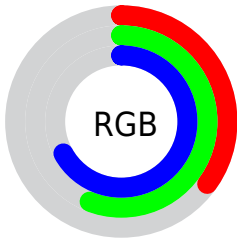
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 122, 170
Decimal	5935274
CIE <sub>Lab</sub>	57.10, -10.68, -19.25
CIE <sub>LCh</sub>	57, 22.011, 240.970
Yxy	25.0225, 0.2432, 0.2837
Android (android.graphics.Color)	4284125354 (0xFF5A90AA)
YUV	130.8180, 19.3167, -35.7974
Hunter-Lab	50.0225, -11.0135, -14.4452

# Details

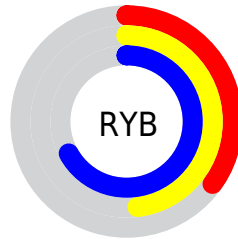
The Hex color **5A90AA** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AA745A**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **90C6E1**, and **225E76** is the 20% darker color. If you saturate the color by 10%, you get **498AAA**, and if you desaturate by 10%, it is **6B96AA**.

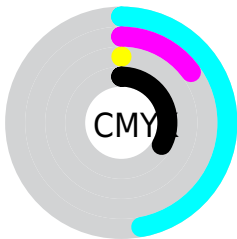
# Distribution



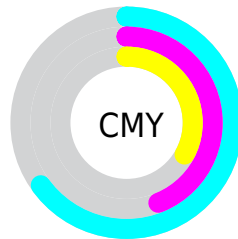
- Red (35%)
- Green (56%)
- Blue (67%)



- Red (35%)
- Yellow (48%)
- Blue (67%)



- Cyan (47%)
- Magenta (15%)
- Yellow (0%)
- Black (33%)



- Cyan (65%)
- Magenta (44%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A90AA 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 5A90AA by changing the saturation by 10% instead.



■ 5A90AA

■ 5A90AA

FFFFFF

■ 3F768F

■ 90C6E1

■ 225E76

■ ACE2FE

■ 00465D

■ C8FEFF

■ 003045

■ E5FFFF

■ 001B2F

■ 00011A

■ 000000

■ 5A90AA

■ 5A90AA

■ 498AAA

■ 6B96AA

■ 3885AA

■ 7C9BAA

■ 277FAA

■ 8DA1AA

■ 167AAA

■ 9EA6AA

■ 0574AA

■ AFACAA

■ 0073AA

■ C0B1AA

■ D1B7AA

■ E2BCAA

■ F3C2AA

# Harmonies

## Analogous

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



50939C



5A90AA



728BAF

# Triad

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



5A90AA



AE7B89



828E68

# Complementary

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



5A90AA



AA745A

# 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.



968863



5A90AA



AF7D76

# Square

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



5A90AA



A27E9C



A78268



6C9276

# Rectangle

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



5A90AA



8486AD



A78268



898C65



# Sweetspot

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



5A90AA



BFD4DE



5AAA73



5D6A70



F0F0F0



707070



# Same Dimension

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



5A90AA



62B5DE



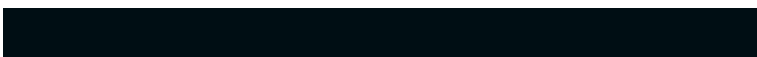
5A69AA



4C5154



006494



000E14



# Inverse Universe

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



AA5A90



DE62B5



AA9B5A



544C51



940064



14000E



# Previews

## White Background



This preview shows how the Hex color 5A90AA looks on a white background.

## Color Contrast Check

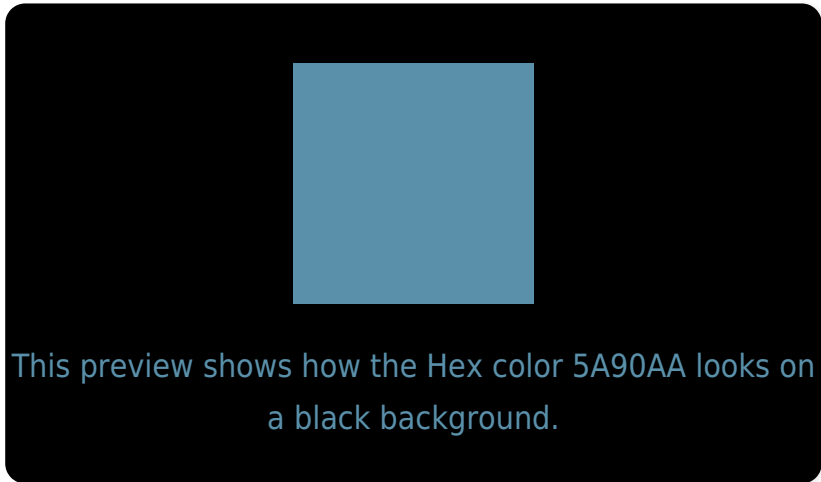
Large Text (above 18pt) WCAG AA ✓ Pass

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

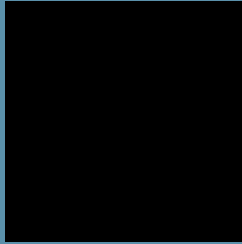
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

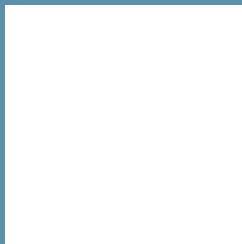
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5A90AA Background



This preview shows how black text looks on a background with the Hex color 5A90AA.

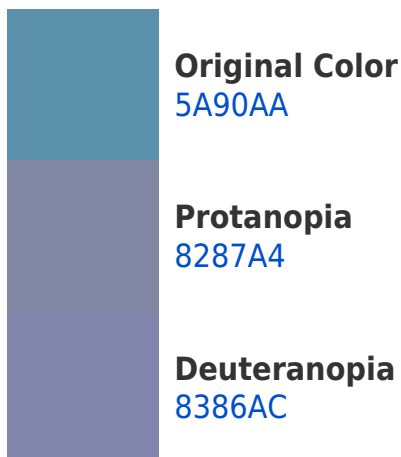


This preview shows how white text looks on a background with the Hex color 5A90AA.

# 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](#).

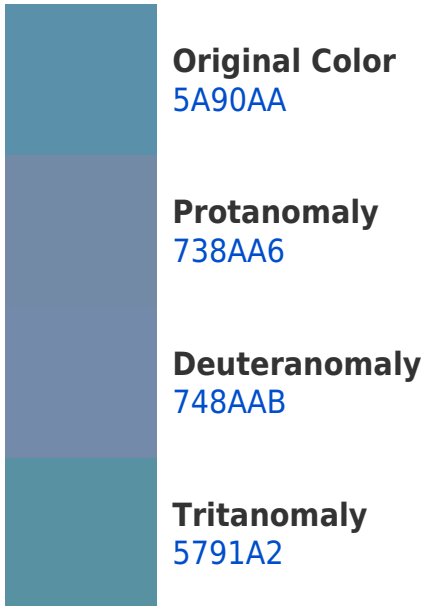
## Dichromacy



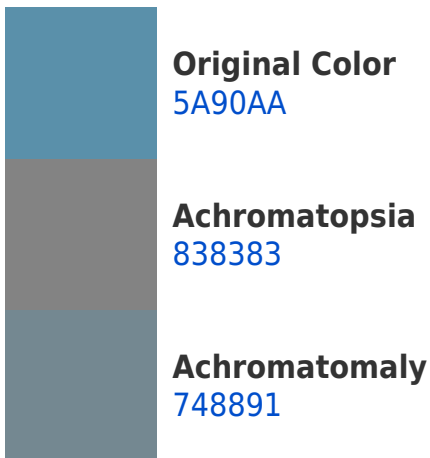


**Tritanopia**  
56929E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A90AA 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 #5A90AA looks like.

```
.text, #text, p{  
    color:#5A90AA  
}
```

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 #5A90AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A90AA
}
```

## Border

The CSS property to change the border of an element to Hex 5A90AA 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
#5A90AA }
```

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

```
.border{ border-color:#5A90AA }
```

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

Here you see how a box with a 4 pixel #5A90AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A90AA; -webkit-box-shadow:4px 4px  
4px 4px #5A90AA; box-shadow:4px 4px 4px  
4px #5A90AA }
```

# Background

The CSS property to change the background color of an element to Hex 5A90AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A90AA }
```

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

```
.background{ background-color:#5A90AA }
```

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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