

Converting Colors

Hex(5A9EA2)

Have a look what the booklet for
Hex(5A9EA2) contains.

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Color

Hex(5A9EA2)

Conversions

Conversions Part 1

Format	Color
Hex	5A9EA2
RGB	90, 158, 162
RGB Percent	35%, 62%, 64%
CMY	0.6471, 0.3804, 0.3647
CMYK	0.44, 0.02, 0.00, 0.36
HSL	183°, 29%, 49%
HSV	183°, 44%, 64%
XYZ	22.9649, 29.2360, 38.6152
YIQ	138.1240, -41.8120, -13.1720

Conversions

Conversions Part 2

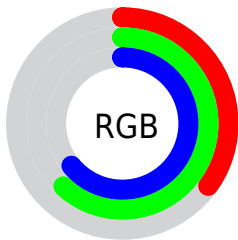
Format	Color
R_{YB}	90, 125, 162
Decimal	5938850
CIE _{Lab}	60.99, -20.43, -8.83
CIE _{LCh}	61, 22.257, 203.366
Yxy	29.2360, 0.2529, 0.3219
Android (android.graphics.Color)	4284128930 (0xFF5A9EA2)
YUV	138.1240, 11.7709, -42.2047
Hunter-Lab	54.0703, -18.8101, -4.4936

Details

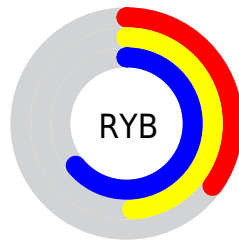
The Hex color **5A9EA2** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A25E5A**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **90D5D9**, and **226A6E** is the 20% darker color. If you saturate the color by 10%, you get **4A9DA2**, and if you desaturate by 10%, it is **6A9FA2**.

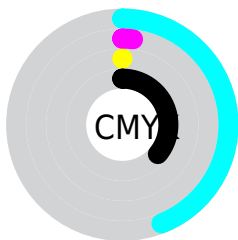
Distribution



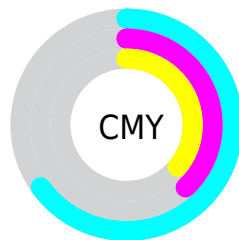
- Red (35%)
- Green (62%)
- Blue (64%)



- Red (35%)
- Yellow (49%)
- Blue (64%)



- Cyan (44%)
- Magenta (2%)
- Yellow (0%)
- Black (36%)



- Cyan (65%)
- Magenta (38%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A9EA2 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 5A9EA2 by changing the saturation by 10% instead.



5A9EA2



5A9EA2

FFFFFF



3F8488



90D5D9



226A6E



ACF1F5



005256



C8FFFF



003B3F



E5FFFF



002529



000815



000000



5A9EA2



5A9EA2



4A9DA2



6A9FA2

■ 3A9CA2

■ 7AA0A2

■ 299BA2

■ 8BA1A2

■ 199AA2

■ 9BA2A2

■ 099AA2

■ ABA3A2

■ 0099A2

■ BBA3A2

■ CBA4A2

■ DCA5A2

■ ECA6A2

Harmonies

Analogous

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



669E8E



5A9EA2



5F9BB2

Triad

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



5A9EA2



A889AB



A6906C

Complementary

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



5A9EA2



A25E5A

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.



B58A74



5A9EA2



B78598

Square

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



5A9EA2



9090B7



BB8684



91976F

Rectangle

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



5A9EA2



6D98B8



BB8684



AC8E6E

Sweetspot

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



5A9EA2



B8D2D4



5AA25E



5A6A6B



EBEBEB



6B6B6B

Same Dimension

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



5A9EA2



63CDD4



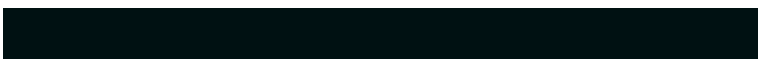
5A7AA2



495152



008991



001112

Inverse Universe

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



A25A9E



D463CD



A2825A



524951



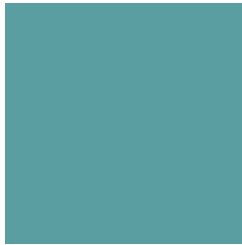
910089



120011

Previews

White Background



This preview shows how the Hex color 5A9EA2 looks on a white background.

Color Contrast Check

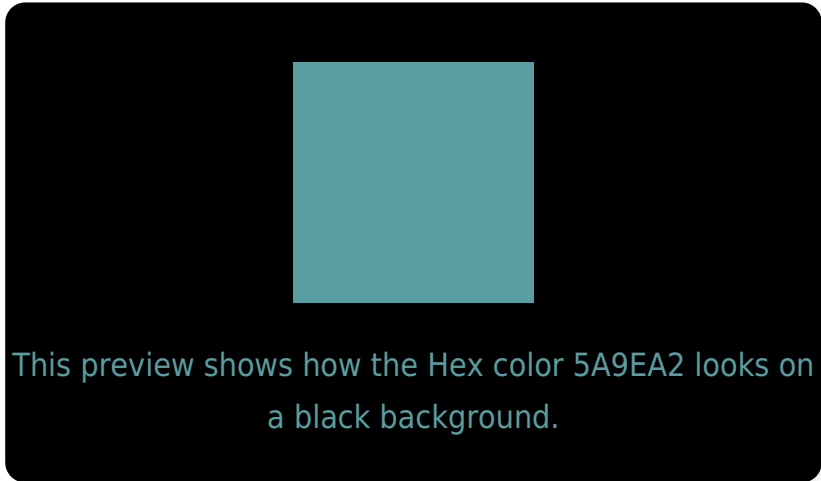
Large Text (above 18pt) WCAG AA ✓ Pass

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

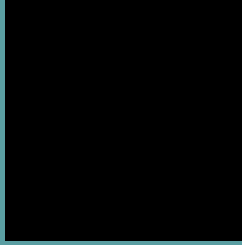
Any Text WCAG AA ✓ Pass

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 5A9EA2 Background



This preview shows how black text looks on a background with the Hex color 5A9EA2.

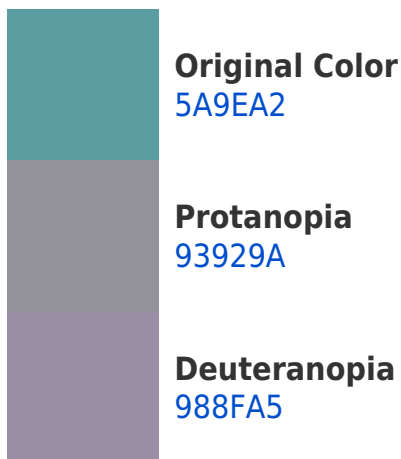


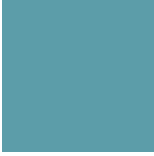
This preview shows how white text looks on a background with the Hex color 5A9EA2.

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



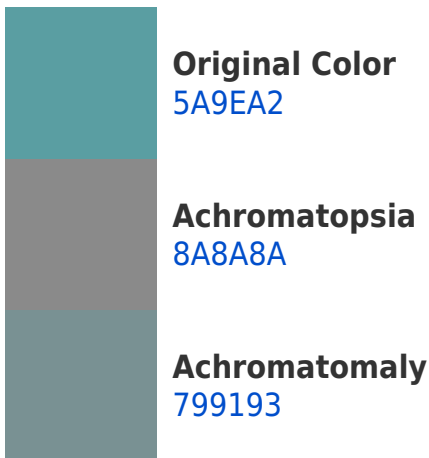


Tritanopia
5C9DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A9EA2 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 #5A9EA2 looks like.

```
.text, #text, p{  
    color:#5A9EA2  
}
```

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 #5A9EA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A9EA2
}
```

Border

The CSS property to change the border of an element to Hex 5A9EA2 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
#5A9EA2 }
```

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

```
.border{ border-color:#5A9EA2 }
```

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

Here you see how a box with a 4 pixel #5A9EA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A9EA2; -webkit-box-shadow:4px 4px  
4px 4px #5A9EA2; box-shadow:4px 4px 4px  
4px #5A9EA2 }
```

Background

The CSS property to change the background color of an element to Hex 5A9EA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A9EA2 }
```

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

```
.background{ background-color:#5A9EA2 }
```

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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