

Converting Colors

Hex(5A6C9E)

Have a look what the booklet for
Hex(5A6C9E) contains.

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Color

Hex(5A6C9E)

Conversions

Conversions Part 1

Format	Color
Hex	5A6C9E
RGB	90, 108, 158
RGB Percent	35%, 42%, 62%
CMY	0.6471, 0.5765, 0.3804
CMYK	0.43, 0.32, 0.00, 0.38
HSL	224°, 27%, 49%
HSV	224°, 43%, 62%
XYZ	15.7506, 15.3674, 34.4838
YIQ	108.3180, -26.7780, 11.7340

Conversions

Conversions Part 2

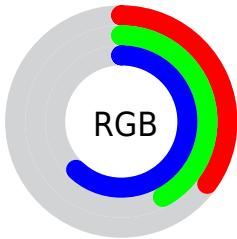
Format	Color
R_{YB}	90, 104, 158
Decimal	5926046
CIE _{Lab}	46.13, 6.82, -29.20
CIE _{LCh}	46, 29.986, 283.144
Yxy	15.3674, 0.2401, 0.2343
Android (android.graphics.Color)	4284116126 (0xFF5A6C9E)
YUV	108.3180, 24.4932, -16.0649
Hunter-Lab	39.2013, 3.1167, -24.7142

Details

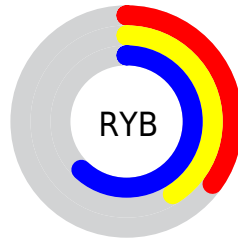
The Hex color **5A6C9E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9E8C5A**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **8F9FD5**, and **263D6A** is the 20% darker color. If you saturate the color by 10%, you get **4A609E**, and if you desaturate by 10%, it is **6A789E**.

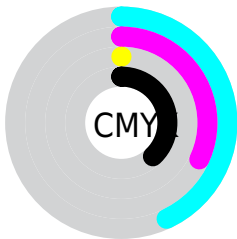
Distribution



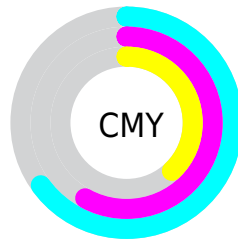
- Red (35%)
- Green (42%)
- Blue (62%)



- Red (35%)
- Yellow (41%)
- Blue (62%)



- Cyan (43%)
- Magenta (32%)
- Yellow (0%)
- Black (38%)



- Cyan (65%)
- Magenta (58%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A6C9E 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 5A6C9E by changing the saturation by 10% instead.

■ 5A6C9E

■ 5A6C9E

FFFFFF

■ 405484

■ 8F9FD5

■ 263D6A

■ AABAF1

■ 062752

■ C6D6FF

■ 00133B

■ E3F2FF

■ 000225

■ 00010D

■ 000000

■ 5A6C9E

■ 5A6C9E

■ 4A609E

■ 6A789E

■ 3A559E

■ 7A839E

■ 2B499E

■ 898F9E

■ 1B3E9E

■ 999A9E

■ 0B329E

■ A9A69E

■ 002A9E

■ B9B29E

■ C9BD9E

■ D8C99E

■ E8D59E

Harmonies

Analogous

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



29749D



5A6C9E



7E6392

Triad

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



5A6C9E



995E4C



357A5E

Complementary

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



5A6C9E



9E8C5A

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.



577648



5A6C9E



89673D

Square

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



5A6C9E



9E5963



726F3B



007B78

Rectangle

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



5A6C9E



8F5D84



726F3B



417956

Sweetspot

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



5A6C9E



B4BBCF



5A9E8C



585C69



E8E8E8



696969

Same Dimension

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



5A6C9E



6380CF



6A5A9E



47494F



00268F



00040F

Inverse Universe

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



9E5A6C



CF6380



8E9E5A



4F4749



8F0026



0F0004

Previews

White Background



This preview shows how the Hex color 5A6C9E looks on a white background.

Color Contrast Check

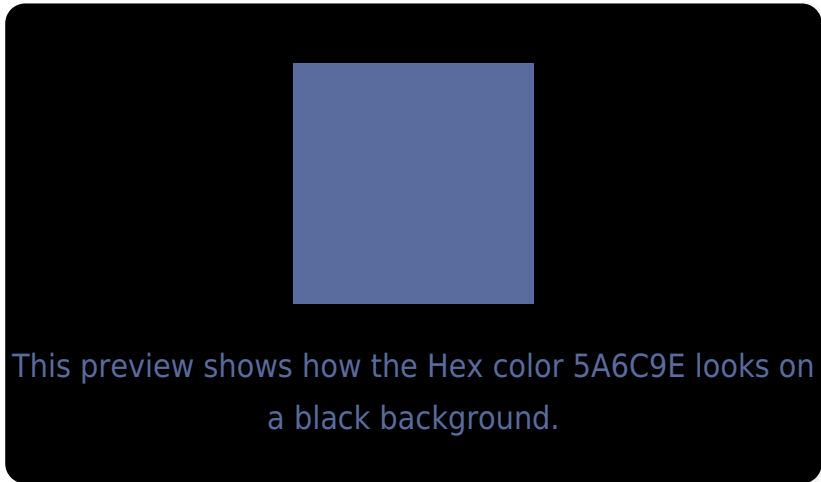
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

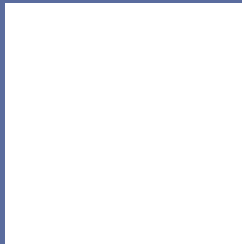
Any Text WCAG AAA × Fail

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

Hex 5A6C9E Background



This preview shows how black text looks on a background with the Hex color 5A6C9E.

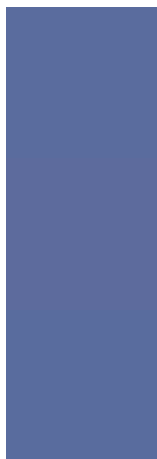


This preview shows how white text looks on a background with the Hex color 5A6C9E.

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



Original Color

5A6C9E

Protanopia

5D6B9D

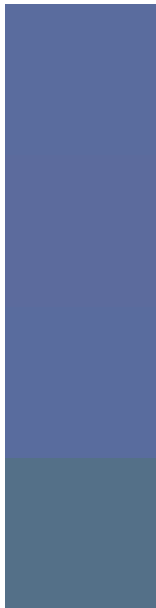
Deuteranopia

596C9E



Tritanopia
51737C

Trichromacy



Original Color
5A6C9E

Protanomaly
5C6B9D

Deuteranomaly
596C9E

Tritanomaly
547088

Monochromacy



Original Color
5A6C9E

Achromatopsia
6C6C6C

Achromatomaly
656C7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A6C9E 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 #5A6C9E looks like.

```
.text, #text, p{  
    color:#5A6C9E  
}
```

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 #5A6C9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A6C9E
}
```

Border

The CSS property to change the border of an element to Hex 5A6C9E 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
#5A6C9E }
```

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

```
.border{ border-color:#5A6C9E }
```

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

Here you see how a box with a 4 pixel #5A6C9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A6C9E; -webkit-box-shadow:4px 4px  
4px 4px #5A6C9E; box-shadow:4px 4px 4px  
4px #5A6C9E }
```

Background

The CSS property to change the background color of an element to Hex 5A6C9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A6C9E }
```

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

```
.background{ background-color:#5A6C9E }
```

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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