

Converting Colors

Hex(5A6178)

Have a look what the booklet for
Hex(5A6178) contains.

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Color

Hex(5A6178)

Conversions

Conversions Part 1

Format	Color
Hex	5A6178
RGB	90, 97, 120
RGB Percent	35%, 38%, 47%
CMY	0.6471, 0.6196, 0.5294
CMYK	0.25, 0.19, 0.00, 0.53
HSL	226°, 14%, 41%
HSV	226°, 25%, 47%
XYZ	11.8813, 12.0791, 19.4746
YIQ	97.5290, -11.5550, 5.6690

Conversions

Conversions Part 2

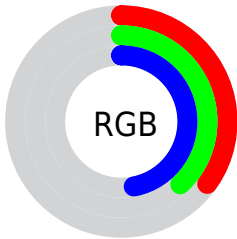
Format	Color
R_{YB}	90, 96, 120
Decimal	5923192
CIE Lab	41.34, 2.84, -13.82
CIE LCh	41, 14.109, 281.617
Yxy	12.0791, 0.2735, 0.2781
Android (android.graphics.Color)	4284113272 (0xFF5A6178)
YUV	97.5290, 11.0782, -6.6029
Hunter-Lab	34.7550, 0.2005, -8.8940

Details

The Hex color **5A6178** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **78715A**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8D94AC**, and **2B3347** is the 20% darker color. If you saturate the color by 10%, you get **4E5878**, and if you desaturate by 10%, it is **666A78**.

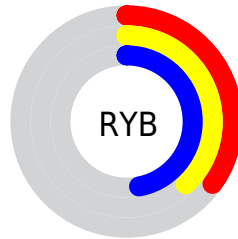
Distribution



 Red (35%)

 Green (38%)

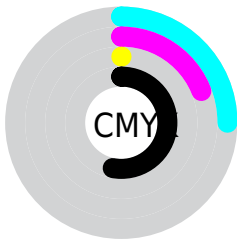
 Blue (47%)



 Red (35%)

 Yellow (38%)

 Blue (47%)

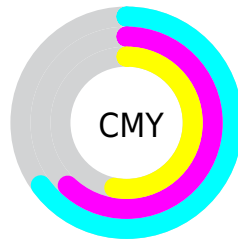


 Cyan (25%)

 Magenta (19%)

 Yellow (0%)

 Black (53%)



 Cyan (65%)

 Magenta (62%)

 Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A6178 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 5A6178 by changing the saturation by 10% instead.

■ 5A6178

■ 5A6178

FFFFFF

■ 42495F

■ 8D94AC

■ 2B3347

■ A7AEC8

■ 161E31

■ C2C9E4

■ 00041C

■ DEE6FF

■ 000000

■ FBFFFF

■ 5A6178

■ 5A6178

■ 4E5878

■ 666A78

■ 424F78

■ 727378

■ 364578

■ 7E7D78

■ 2A3C78

■ 8A8678

■ 1E3378

■ 968F78

■ 122A78

■ A29878

■ 062178

■ AEA178

■ 001C78

■ BAAB78

■ C6B478

Harmonies

Analogous

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



4B6577



5A6178



695D73

Triad

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



5A6178



785B53



4C685A

Complementary

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



5A6178



78715A

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.



596550



5A6178



715E4C

Square

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



5A6178



79595D



66624B



436866

Rectangle

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



5A6178



715B6D



66624B



506756

Sweetspot

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



5A6178



8F929C



5A7871



47494F



CFCFCF



4F4F4F

Same Dimension

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



5A6178



6D789C



625A78



37393D



001D7D



003BFC

Inverse Universe

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



785A61



9C6D78



70785A



3D3739



7D001D



FC003B

Previews

White Background



This preview shows how the Hex color 5A6178 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

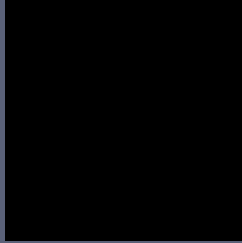
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

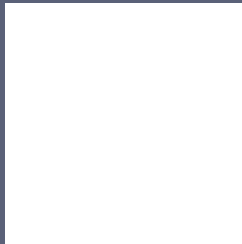
Any Text WCAG AAA × Fail

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

Hex 5A6178 Background



This preview shows how black text looks on a background with the Hex color 5A6178.

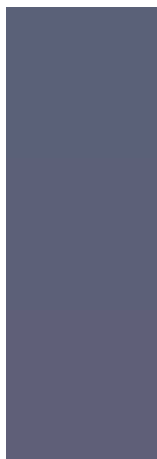


This preview shows how white text looks on a background with the Hex color 5A6178.

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

5A6178

Protanopia

5C6078

Deuteranopia

5F5F78



Tritanopia
57636B

Trichromacy



Original Color

5A6178

Protanomaly

5B6078

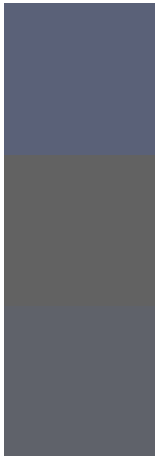
Deuteranomaly

5D6078

Tritanomaly

586270

Monochromacy



Original Color

5A6178

Achromatopsia

626262

Achromatomaly

5F626A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A6178 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 #5A6178 looks like.

```
.text, #text, p{  
    color:#5A6178  
}
```

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 #5A6178 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A6178
}
```

Border

The CSS property to change the border of an element to Hex 5A6178 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
#5A6178 }
```

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

```
.border{ border-color:#5A6178 }
```

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

Here you see how a box with a 4 pixel #5A6178 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A6178; -webkit-box-shadow:4px 4px  
4px 4px #5A6178; box-shadow:4px 4px 4px  
4px #5A6178 }
```

Background

The CSS property to change the background color of an element to Hex 5A6178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A6178 }
```

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

```
.background{ background-color:#5A6178 }
```

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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