

Converting Colors

Hex(5A5780)

Have a look what the booklet for
Hex(5A5780) contains.

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Color

Hex(5A5780)

Conversions

Conversions Part 1

Format	Color
Hex	5A5780
RGB	90, 87, 128
RGB Percent	35%, 34%, 50%
CMY	0.6471, 0.6588, 0.4980
CMYK	0.30, 0.32, 0.00, 0.50
HSL	244°, 19%, 42%
HSV	244°, 32%, 50%
XYZ	11.5209, 10.5486, 21.8509
YIQ	92.5710, -11.3730, 13.3870

Conversions

Conversions Part 2

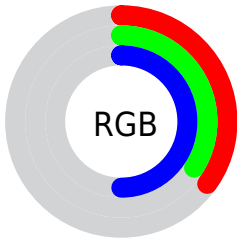
Format	Color
R_{YB}	90, 87, 128
Decimal	5920640
CIE _{Lab}	38.81, 11.20, -22.59
CIE _{LCh}	39, 25.219, 296.371
Yxy	10.5486, 0.2623, 0.2402
Android (android.graphics.Color)	4284110720 (0xFF5A5780)
YUV	92.5710, 17.4665, -2.2548
Hunter-Lab	32.4785, 6.4808, -17.1542

Details

The Hex color **5A5780** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7D8057**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **8D89B5**, and **2A2A4F** is the 20% darker color. If you saturate the color by 10%, you get **4E4A80**, and if you desaturate by 10%, it is **666480**.

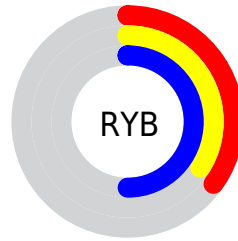
Distribution



Red (35%)

Green (34%)

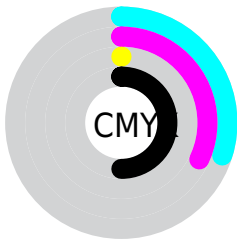
Blue (50%)



Red (35%)

Yellow (34%)

Blue (50%)

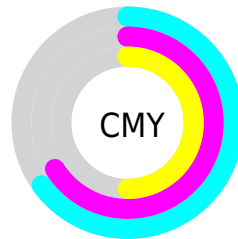


Cyan (30%)

Magenta (32%)

Yellow (0%)

Black (50%)



Cyan (65%)

Magenta (66%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A5780 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 5A5780 by changing the saturation by 10% instead.

■ 5A5780

■ 5A5780

FFFFFF

■ 424067

■ 8D89B5

■ 2A2A4F

■ A8A3D1

■ 131638

■ C3BEED

■ 000022

■ DFDAFF

■ 000008

■ FCF6FF

■ 000000

■ 5A5780

■ 5A5780

■ 4E4A80

■ 666480

■ 423D80

■ 727180

■ 363180

■ 7E7D80

■ 2B2480

■ 898A80

■ 1F1780

■ 959780

■ 130A80

■ A1A480

■ 090080

■ ADB180

■ B9BD80

■ C5CA80

Harmonies

Analogous

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



385E84



5A5780



735072

Triad

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



5A5780



7B523A



216658

Complementary

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



5A5780



7D8057

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.



3E6444



5A5780



6B5932

Square

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



5A5780



834D4A



566036



00666D

Rectangle

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



5A5780



7D4C66



566036



2B6651

Sweetspot

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



5A5780



9695A6



577D80



4B4A54



D4D4D4



545454

Same Dimension

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



5A5780



6B67A6



6E5780



3A3940



090080



000000

Inverse Universe

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



80577D



A667A1



698057



40393F



800076



000000

Previews

White Background



This preview shows how the Hex color 5A5780 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

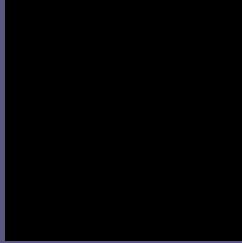
Any Text WCAG AA × Fail

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 5A5780 Background



This preview shows how black text looks on a background with the Hex color 5A5780.



This preview shows how white text looks on a background with the Hex color 5A5780.

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](#).

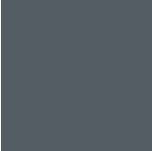
Dichromacy



Original Color
5A5780

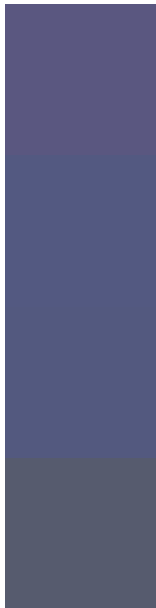
Protanopia
4F5A82

Deuteranopia
4F5A7F



Tritanopia
545D64

Trichromacy



Original Color
5A5780

Protanomaly
535981

Deuteranomaly
53597F

Tritanomaly
565B6E

Monochromacy



Original Color
5A5780

Achromatopsia
5D5D5D

Achromatomaly
5C5B6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A5780 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 #5A5780 looks like.

```
.text, #text, p{  
    color:#5A5780  
}
```

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 #5A5780 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A5780
}
```

Border

The CSS property to change the border of an element to Hex 5A5780 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
#5A5780 }
```

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

```
.border{ border-color:#5A5780 }
```

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

Here you see how a box with a 4 pixel #5A5780 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A5780; -webkit-box-shadow:4px 4px  
4px 4px #5A5780; box-shadow:4px 4px 4px  
4px #5A5780 }
```

Background

The CSS property to change the background color of an element to Hex 5A5780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A5780 }
```

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

```
.background{ background-color:#5A5780 }
```

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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