

Converting Colors

Hex(5E5785)

Have a look what the booklet for
Hex(5E5785) contains.

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Color

Hex(5E5785)

Conversions

Conversions Part 1

Format	Color
Hex	5E5785
RGB	94, 87, 133
RGB Percent	37%, 34%, 52%
CMY	0.6314, 0.6588, 0.4784
CMYK	0.29, 0.35, 0.00, 0.48
HSL	249°, 21%, 43%
HSV	249°, 35%, 52%
XYZ	12.2579, 10.8895, 23.6461
YIQ	94.3370, -10.5940, 15.7900

Conversions

Conversions Part 2

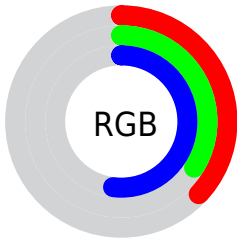
Format	Color
R_{YB}	94, 87, 133
Decimal	6182789
CIE _{Lab}	39.39, 13.85, -24.71
CIE _{LCh}	39, 28.327, 299.272
Yxy	10.8895, 0.2620, 0.2327
Android (android.graphics.Color)	4284372869 (0xFF5E5785)
YUV	94.3370, 19.0609, -0.2955
Hunter-Lab	32.9993, 8.5569, -19.3856

Details

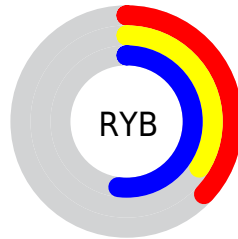
The Hex color **5E5785** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7E8557**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **9189BA**, and **2E2A53** is the 20% darker color. If you saturate the color by 10%, you get **534A85**, and if you desaturate by 10%, it is **696485**.

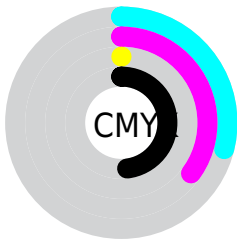
Distribution



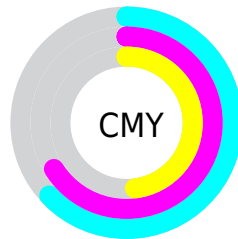
- Red (37%)
- Green (34%)
- Blue (52%)



- Red (37%)
- Yellow (34%)
- Blue (52%)



- Cyan (29%)
- Magenta (35%)
- Yellow (0%)
- Black (48%)



- Cyan (63%)
- Magenta (66%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E5785 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 5E5785 by changing the saturation by 10% instead.



5E5785



5E5785

FFFFFF



46406C



9189BA



2E2A53



ACA3D6



16153C



C8BEF3



000026



E4DAFF



00010F



FFF6FF



000000



5E5785



5E5785



534A85



696485



473C85



757285

■ 3C2F85

■ 807F85

■ 312285

■ 8B8C85

■ 261485

■ 969A85

■ 1A0785

■ A2A785

■ 140085

■ ADB485

■ B8C185

■ C3CF85

Harmonies

Analogous

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



375F8B



5E5785



794F75

Triad

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



5E5785



7E5336



0C695B

Complementary

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



5E5785



7E8557

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.



386744



5E5785



6C5B2E

Square

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



5E5785



884C47



546233



006873

Rectangle

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



5E5785



844B66



546233



1F6853

Sweetspot

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



5E5785



9F9CAD



577E85



4E4C57



D6D6D6



575757

Same Dimension

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



5E5785



7065AD



755785



3D3C42



140082



000003

Inverse Universe

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



85577E



AD65A2



678557



423C41



82006E



030002

Previews

White Background



This preview shows how the Hex color 5E5785 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

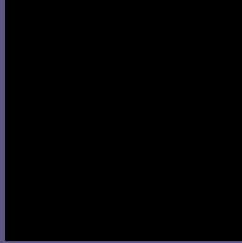
Any Text WCAG AA × Fail

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 5E5785 Background



This preview shows how black text looks on a background with the Hex color 5E5785.

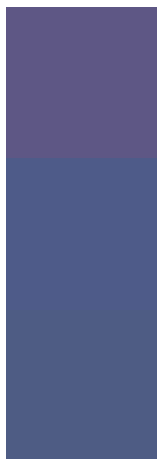


This preview shows how white text looks on a background with the Hex color 5E5785.

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
5E5785

Protanopia
4E5B89

Deuteranopia
4E5C84



Tritanopia
585D65

Trichromacy



Original Color
5E5785

Protanomaly
545A88

Deuteranomaly
545A84

Tritanomaly
5A5B71

Monochromacy



Original Color
5E5785

Achromatopsia
5E5E5E

Achromatomaly
5E5B6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E5785 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 #5E5785 looks like.

```
.text, #text, p{  
    color:#5E5785  
}
```

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 #5E5785 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E5785
}
```

Border

The CSS property to change the border of an element to Hex 5E5785 is called "border". The border property can be set on classes, ids or directly on the HTML element.

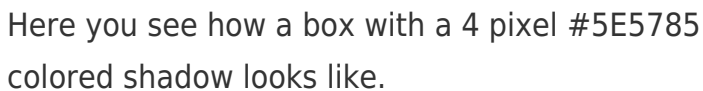
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E5785 }
```

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

```
.border{ border-color:#5E5785 }
```

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



Here you see how a box with a 4 pixel #5E5785 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E5785; -webkit-box-shadow:4px 4px  
4px 4px #5E5785; box-shadow:4px 4px 4px  
4px #5E5785 }
```

Background

The CSS property to change the background color of an element to Hex 5E5785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E5785 }
```

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

```
.background{ background-color:#5E5785 }
```

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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