

Converting Colors

Hex(5E6186)

Have a look what the booklet for
Hex(5E6186) contains.

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Color

Hex(5E6186)

Conversions

Conversions Part 1

Format	Color
Hex	5E6186
RGB	94, 97, 134
RGB Percent	37%, 38%, 53%
CMY	0.6314, 0.6196, 0.4745
CMYK	0.30, 0.28, 0.00, 0.47
HSL	236°, 18%, 45%
HSV	236°, 30%, 53%
XYZ	13.1939, 12.6503, 24.3006
YIQ	100.3210, -13.6650, 10.8710

Conversions

Conversions Part 2

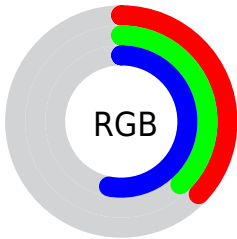
Format	Color
R_{YB}	94, 97, 134
Decimal	6185350
CIE Lab	42.23, 7.89, -20.92
CIE LCh	42, 22.355, 290.671
Yxy	12.6503, 0.2631, 0.2523
Android (android.graphics.Color)	4284375430 (0xFF5E6186)
YUV	100.3210, 16.6037, -5.5435
Hunter-Lab	35.5673, 3.9728, -15.6116

Details

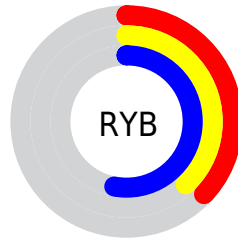
The Hex color **5E6186** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **86835E**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **9194BB**, and **2E3354** is the 20% darker color. If you saturate the color by 10%, you get **515586**, and if you desaturate by 10%, it is **6B6D86**.

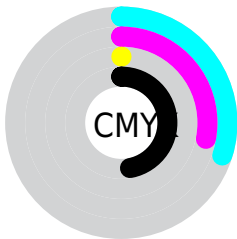
Distribution



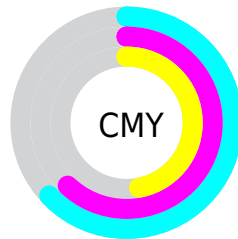
- Red (37%)
- Green (38%)
- Blue (53%)



- Red (37%)
- Yellow (38%)
- Blue (53%)



- Cyan (30%)
- Magenta (28%)
- Yellow (0%)
- Black (47%)



- Cyan (63%)
- Magenta (62%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E6186 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 5E6186 by changing the saturation by 10% instead.

■ 5E6186

■ 5E6186

FFFFFF

■ 46496D

■ 9194BB

■ 2E3354

■ ACAED7

■ 171E3D

■ C8C9F4

■ 010427

■ E4E6FF

■ 000111

■ 000000

■ 5E6186

■ 5E6186

■ 515586

■ 6B6D86

■ 434886

■ 797A86

■ 363C86

■ 868686

■ 282F86

■ 949386

■ 1B2386

■ A19F86

■ 0E1786

■ AEAB86

■ 000A86

■ BCB886

■ C9C486

■ D7D186

Harmonies

Analogous

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



426788



5E6186



755B7B

Triad

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



5E6186



835A48



386D5D

Complementary

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



5E6186



86835E

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.



4E6B4C



5E6186



76613F

Square

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



5E6186



885658



636741



266E70

Rectangle

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



5E6186



805770



636741



3F6D57

Sweetspot

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



5E6186



9E9FAD



5E8683



4D4E57



D6D6D6



575757

Same Dimension

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



5E6186



6F74AD



6F5E86



3C3C42



000A82



000003

Inverse Universe

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



865E61



AD6F74



75865E



423C3C



82000A



030000

Previews

White Background



This preview shows how the Hex color 5E6186 looks on a white background.

Color Contrast Check

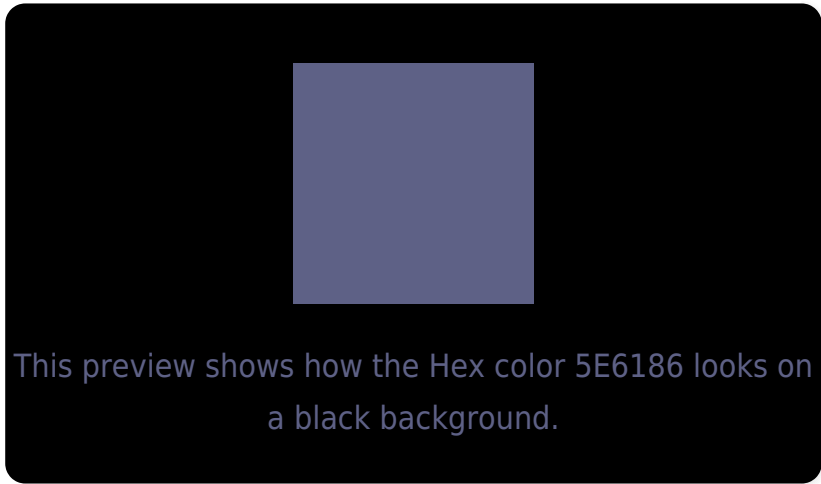
Large Text (above 18pt) WCAG AA ✓ Pass

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

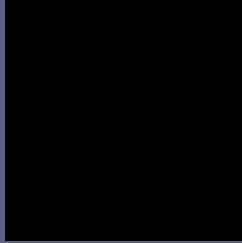
Any Text WCAG AA × Fail

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 5E6186 Background



This preview shows how black text looks on a background with the Hex color 5E6186.



This preview shows how white text looks on a background with the Hex color 5E6186.

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](#).

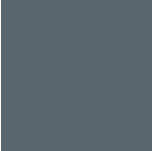
Dichromacy



Original Color
5E6186

Protanopia
596287

Deuteranopia
5A6286



Tritanopia
59666E

Trichromacy



Original Color
5E6186

Protanomaly
5B6287

Deuteranomaly
5B6286

Tritanomaly
5B6477

Monochromacy



Original Color
5E6186

Achromatopsia
646464

Achromatomaly
626370

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E6186 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 #5E6186 looks like.

```
.text, #text, p{  
    color:#5E6186  
}
```

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 #5E6186 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E6186
}
```

Border

The CSS property to change the border of an element to Hex 5E6186 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
#5E6186 }
```

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

```
.border{ border-color:#5E6186 }
```

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

Here you see how a box with a 4 pixel #5E6186 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E6186; -webkit-box-shadow:4px 4px  
4px 4px #5E6186; box-shadow:4px 4px 4px  
4px #5E6186 }
```

Background

The CSS property to change the background color of an element to Hex 5E6186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E6186 }
```

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

```
.background{ background-color:#5E6186 }
```

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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