

Converting Colors

Hex(426181)

Have a look what the booklet for
Hex(426181) contains.

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Color

Hex(426181)

Conversions

Conversions Part 1

Format	Color
Hex	426181
RGB	66, 97, 129
RGB Percent	26%, 38%, 51%
CMY	0.7412, 0.6196, 0.4941
CMYK	0.49, 0.25, 0.00, 0.49
HSL	210°, 32%, 38%
HSV	210°, 49%, 51%
XYZ	10.4839, 11.2926, 22.3960
YIQ	91.3790, -28.7480, 3.3800

Conversions

Conversions Part 2

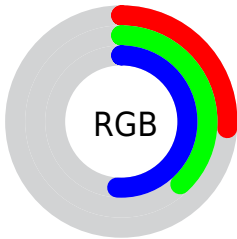
Format	Color
R_{YB}	66, 87, 129
Decimal	4350337
CIE _{Lab}	40.07, -1.89, -21.39
CIE _{LCh}	40, 21.472, 264.960
Yxy	11.2926, 0.2373, 0.2556
Android (android.graphics.Color)	4282540417 (0xFF426181)
YUV	91.3790, 18.5472, -22.2574
Hunter-Lab	33.6045, -3.1195, -15.9912

Details

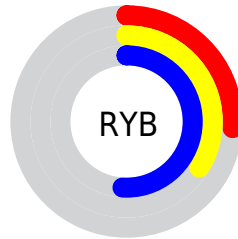
The Hex color **426181** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **816242**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **7593B6**, and **0B3350** is the 20% darker color. If you saturate the color by 10%, you get **355A81**, and if you desaturate by 10%, it is **4F6881**.

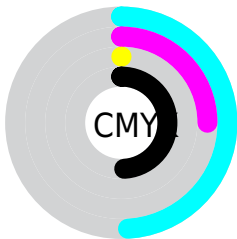
Distribution



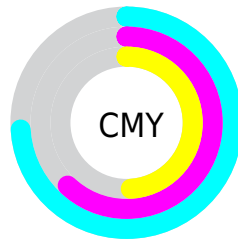
- Red (26%)
- Green (38%)
- Blue (51%)



- Red (26%)
- Yellow (34%)
- Blue (51%)



- Cyan (49%)
- Magenta (25%)
- Yellow (0%)
- Black (49%)



- Cyan (74%)
- Magenta (62%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 426181 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 426181 by changing the saturation by 10% instead.

■ 426181

■ 426181

FFFFFF

■ 284968

■ 7593B6

■ 0B3350

■ 90AED2

■ 001E39

■ ABC9EE

■ 000323

■ C7E5FF

■ 00000A

■ E4FFFF

■ 000000

■ 426181

■ 426181

■ 355A81

■ 4F6881

■ 285481

■ 5C6E81

■ 1B4D81

■ 697581

■ 0E4781

■ 767B81

■ 024081

■ 838281

■ 003F81

■ 8F8881

■ 9C8F81

■ A99581

■ B69C81

Harmonies

Analogous

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



29657B



426181



5D5B7E

Triad

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



426181



815250



47664A

Complementary

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



426181



816242

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.



5B623E



426181



7B5642

Square

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



426181



7E5162



6D5C3C



32685B

Rectangle

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



426181



6C5777



6D5C3C



4E6545

Sweetspot

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



426181



8F9BA8



428162



454C54



D4D4D4



545454

Same Dimension

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



426181



4576A8



424281



393D40



003F80



000000

Inverse Universe

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



814261



A84576



818142



40393D



80003F



000000

Previews

White Background



This preview shows how the Hex color 426181 looks on a white background.

Color Contrast Check

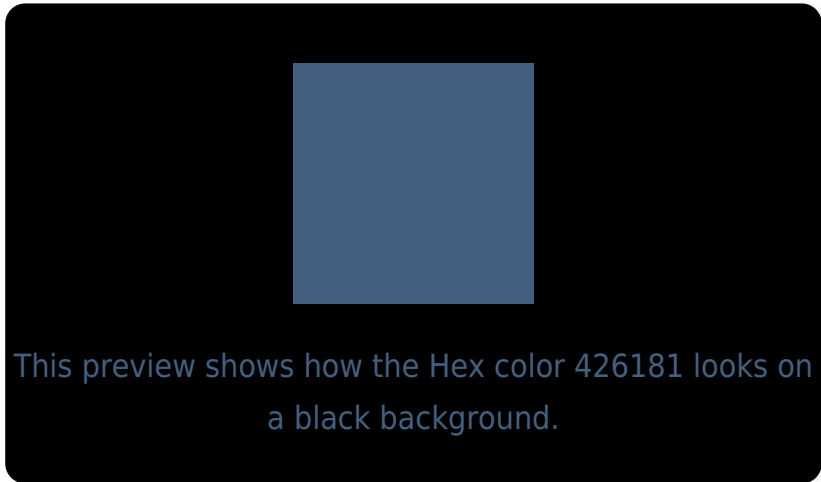
Large Text (above 18pt) WCAG AA ✓ Pass

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

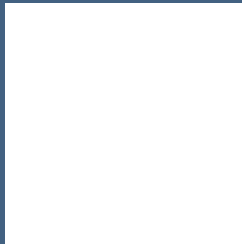
Any Text WCAG AAA × Fail

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

Hex 426181 Background



This preview shows how black text looks on a background with the Hex color 426181.




This preview shows how white text looks on a background with the Hex color 426181.

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





Tritanopia
3C656D

Trichromacy



Original Color

426181

Protanomaly

4E5E7F

Deuteranomaly

4D5E82

Tritanomaly

3E6474

Monochromacy



Original Color

426181

Achromatopsia

5B5B5B

Achromatomaly

525D69

CSS Examples

Text

The CSS property to change the color of the text to Hex 426181 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 #426181 looks like.

```
.text, #text, p{  
    color:#426181  
}
```

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 #426181 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #426181
}
```

Border

The CSS property to change the border of an element to Hex 426181 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
#426181 }
```

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

```
.border{ border-color:#426181 }
```

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

Here you see how a box with a 4 pixel #426181 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #426181; -webkit-box-shadow:4px 4px  
4px 4px #426181; box-shadow:4px 4px 4px  
4px #426181 }
```

Background

The CSS property to change the background color of an element to Hex 426181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#426181 }
```

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

```
.background{ background-color:#426181 }
```

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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