

Converting Colors

Hex(426E99)

Have a look what the booklet for
Hex(426E99) contains.

Hex(426E99)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(426E99)

Conversions

Conversions Part 1

Format	Color
Hex	426E99
RGB	66, 110, 153
RGB Percent	26%, 43%, 60%
CMY	0.7412, 0.5686, 0.4000
CMYK	0.57, 0.28, 0.00, 0.40
HSL	210°, 40%, 43%
HSV	210°, 57%, 60%
XYZ	13.5725, 14.6100, 32.2417
YIQ	101.7460, -40.0270, 4.0450

Conversions

Conversions Part 2

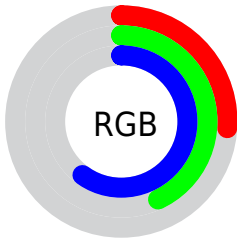
Format	Color
R _{YB}	66, 95, 153
Decimal	4353689
CIE Lab	45.10, -2.00, -27.97
CIE LCh	45, 28.040, 265.911
Yxy	14.6100, 0.2246, 0.2418
Android (android.graphics.Color)	4282543769 (0xFF426E99)
YUV	101.7460, 25.2682, -31.3492
Hunter-Lab	38.2231, -3.5075, -23.2558

Details

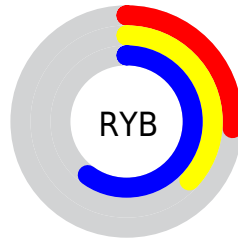
The Hex color **426E99** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **996D42**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **78A1D0**, and **003F66** is the 20% darker color. If you saturate the color by 10%, you get **336699**, and if you desaturate by 10%, it is **517699**.

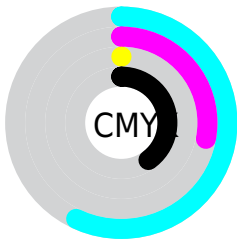
Distribution



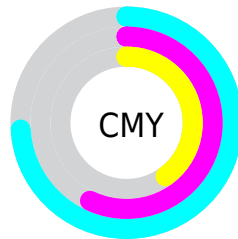
- Red (26%)
- Green (43%)
- Blue (60%)



- Red (26%)
- Yellow (37%)
- Blue (60%)



- Cyan (57%)
- Magenta (28%)
- Yellow (0%)
- Black (40%)



- Cyan (74%)
- Magenta (57%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 426E99 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 426E99 by changing the saturation by 10% instead.



426E99



426E99

FFFFFF



25567F



78A1D0



003F66



94BCEC



00294D



B0D8FF



001536



CCF4FF



000221



E9FFFF



000006



000000



426E99



426E99



336699



517699

■ 235F99

■ 617D99

■ 145799

■ 708599

■ 055099

■ 7F8C99

■ 004D99

■ 8F9499

■ 9E9B99

■ ADA399

■ BCAA99

■ CCB299

Harmonies

Analogous

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



107491



426E99



696695

Triad

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



426E99



985A57



4A7450

Complementary

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



426E99



996D42

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.



656F40



426E99



8F6045

Square

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



426E99



95596F



7D683C



297767

Rectangle

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



426E99



7D608B



7D683C



537349

Sweetspot

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



426E99



A5B6C7



42996C



505A63



E3E3E3



636363

Same Dimension

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



426E99



4084C7



424399



45494D



00478C



00060D

Inverse Universe

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



99426E



C74084



999842



4D4549



8C0047



0D0006

Previews

White Background



This preview shows how the Hex color 426E99 looks on a white background.

Color Contrast Check

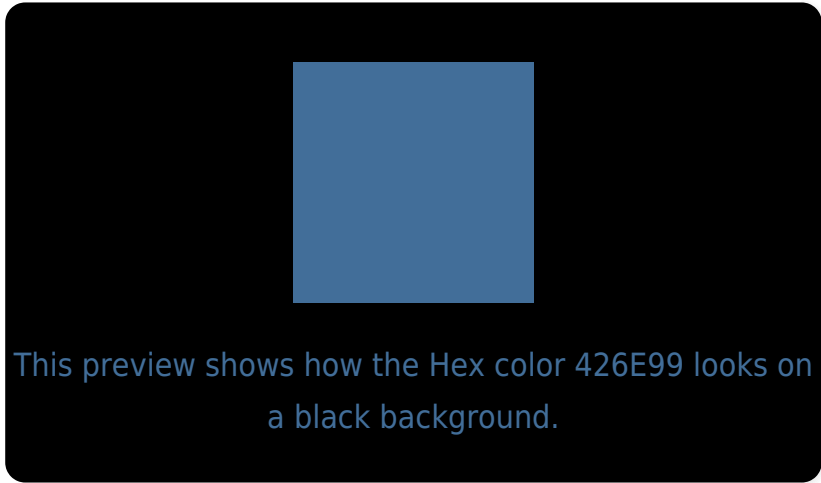
Large Text (above 18pt) WCAG AA ✓ Pass

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

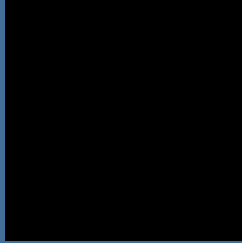
Any Text WCAG AA × Fail

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 426E99 Background



This preview shows how black text looks on a background with the Hex color 426E99.



This preview shows how white text looks on a background with the Hex color 426E99.

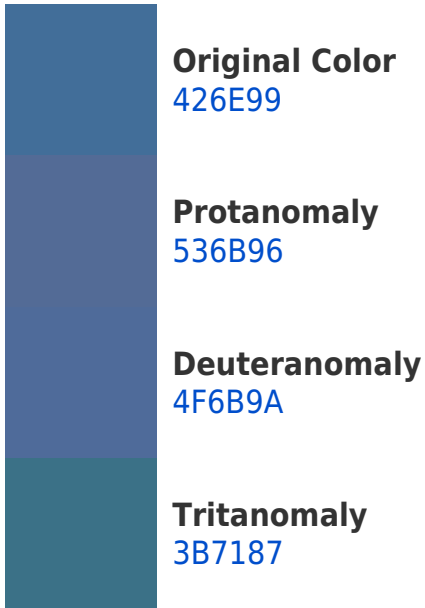
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 426E99 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 #426E99 looks like.

```
.text, #text, p{  
    color:#426E99  
}
```

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 #426E99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #426E99
}
```

Border

The CSS property to change the border of an element to Hex 426E99 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
#426E99 }
```

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

```
.border{ border-color:#426E99 }
```

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

Here you see how a box with a 4 pixel #426E99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #426E99; -webkit-box-shadow:4px 4px  
4px 4px #426E99; box-shadow:4px 4px 4px  
4px #426E99 }
```

Background

The CSS property to change the background color of an element to Hex 426E99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#426E99 }
```

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

```
.background{ background-color:#426E99 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor