

Converting Colors

Hex(416B8D)

Have a look what the booklet for
Hex(416B8D) contains.

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Color

Hex(416B8D)

Conversions

Conversions Part 1

Format	Color
Hex	416B8D
RGB	65, 107, 141
RGB Percent	25%, 42%, 55%
CMY	0.7451, 0.5804, 0.4471
CMYK	0.54, 0.24, 0.00, 0.45
HSL	207°, 37%, 40%
HSV	207°, 54%, 55%
XYZ	12.2454, 13.5623, 27.1717
YIQ	98.3180, -35.9460, 1.6700

Conversions

Conversions Part 2

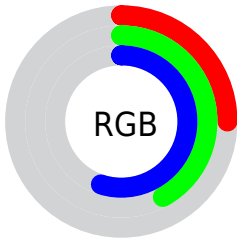
Format	Color
R _Y B	65, 92, 141
Decimal	4287373
CIE Lab	43.60, -4.36, -23.16
CIE LCh	44, 23.567, 259.340
Yxy	13.5623, 0.2311, 0.2560
Android (android.graphics.Color)	4282477453 (0xFF416B8D)
YUV	98.3180, 21.0422, -29.2199
Hunter-Lab	36.8270, -5.0941, -17.9664

Details

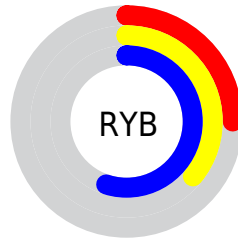
The Hex color **416B8D** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8D6341**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **769EC3**, and **013C5B** is the 20% darker color. If you saturate the color by 10%, you get **33658D**, and if you desaturate by 10%, it is **4F718D**.

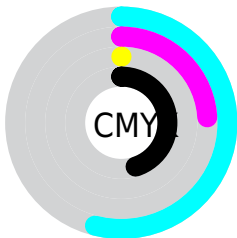
Distribution



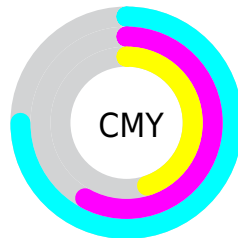
- Red (25%)
- Green (42%)
- Blue (55%)



- Red (25%)
- Yellow (36%)
- Blue (55%)



- Cyan (54%)
- Magenta (24%)
- Yellow (0%)
- Black (45%)



- Cyan (75%)
- Magenta (58%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 416B8D 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 416B8D by changing the saturation by 10% instead.

■ 416B8D

■ 416B8D

FFFFFF

■ 265373

■ 769EC3

■ 013C5B

■ 91B9DF

■ 002643

■ ADD5FB

■ 00122D

■ C9F1FF

■ 000118

■ E5FFFF

■ 000000

■ 416B8D

■ 416B8D

■ 33658D

■ 4F718D

■ 255E8D

■ 5D788D

■ 17588D

■ 6B7E8D

■ 09528D

■ 79848D

■ 004E8D

■ 888B8D

■ 96918D

■ A4978D

■ B29D8D

■ C0A48D

Harmonies

Analogous

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



267084



416B8D



60658C

Triad

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



416B8D



8E595B



516F4D

Complementary

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



416B8D



8D6341

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.



676A42



416B8D



885D4A

Square

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



416B8D



89596F



7B6341



39715F

Rectangle

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



416B8D



716085



7B6341



596D48

Sweetspot

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



416B8D



9AAAB8



418D62



4A545C



DBDBDB



5C5C5C

Same Dimension

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



416B8D



4082B8



41468D



404447



004B87



000408

Inverse Universe

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



8D416B



B84082



8D8841



474044



87004B



080004

Previews

White Background



This preview shows how the Hex color 416B8D looks on a white background.

Color Contrast Check

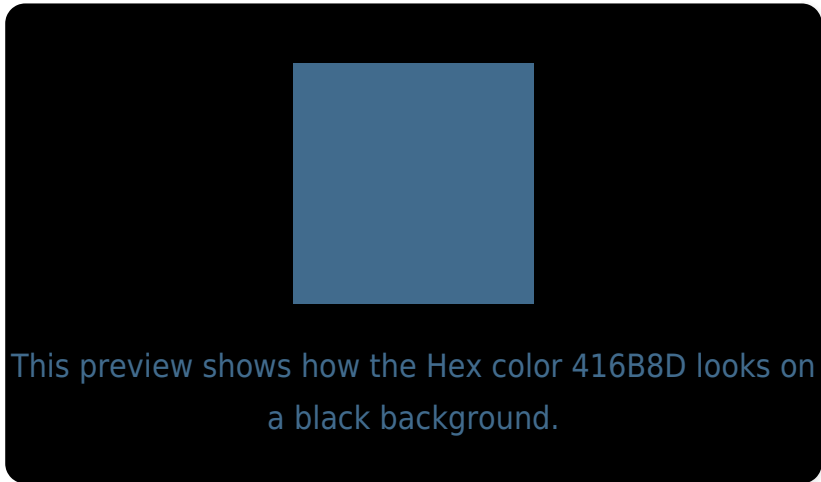
Large Text (above 18pt) WCAG AA ✓ Pass

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

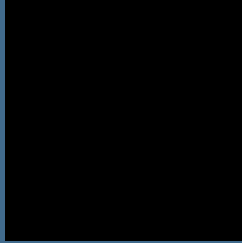
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

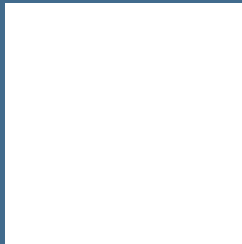
Any Text WCAG AAA × Fail

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

Hex 416B8D Background



This preview shows how black text looks on a background with the Hex color 416B8D.



This preview shows how white text looks on a background with the Hex color 416B8D.

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](#).

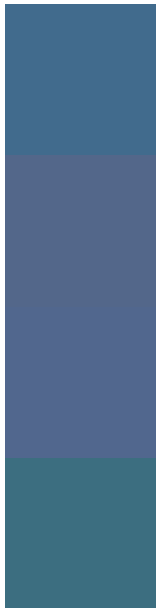
Dichromacy





Tritanopia
396F78

Trichromacy



Original Color
416B8D

Protanomaly
53678A

Deuteranomaly
51678E

Tritanomaly
3C6E80

Monochromacy



Original Color
416B8D

Achromatopsia
626262

Achromatomaly
566572

CSS Examples

Text

The CSS property to change the color of the text to Hex 416B8D 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 #416B8D looks like.

```
.text, #text, p{  
    color:#416B8D  
}
```

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 #416B8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #416B8D
}
```

Border

The CSS property to change the border of an element to Hex 416B8D is called "border". The border property can be set on classes, ids or directly on the HTML element.

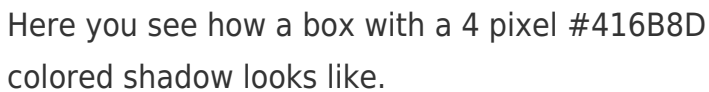
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#416B8D }
```

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

```
.border{ border-color:#416B8D }
```

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



Here you see how a box with a 4 pixel #416B8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #416B8D; -webkit-box-shadow:4px 4px  
4px 4px #416B8D; box-shadow:4px 4px 4px  
4px #416B8D }
```

Background

The CSS property to change the background color of an element to Hex 416B8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#416B8D }
```

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

```
.background{ background-color:#416B8D }
```

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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