

Converting Colors

Hex(416168)

Have a look what the booklet for
Hex(416168) contains.

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Color

Hex(416168)

Conversions

Conversions Part 1

Format	Color
Hex	416168
RGB	65, 97, 104
RGB Percent	25%, 38%, 41%
CMY	0.7451, 0.6196, 0.5922
CMYK	0.38, 0.07, 0.00, 0.59
HSL	191°, 23%, 33%
HSV	191°, 38%, 41%
XYZ	8.9534, 10.6727, 14.6848
YIQ	88.2300, -21.3190, -4.6070

Conversions

Conversions Part 2

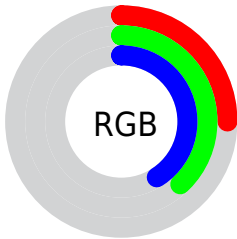
Format	Color
RYB	65, 83, 104
Decimal	4284776
CIELab	39.02, -9.67, -7.70
CIELCh	39, 12.358, 218.522
Yxy	10.6727, 0.2609, 0.3111
Android (android.graphics.Color)	4282474856 (0xFF416168)
YUV	88.2300, 7.7746, -20.3727
Hunter-Lab	32.6691, -8.2508, -3.7827

Details

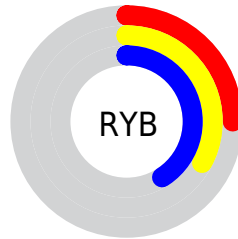
The Hex color **416168** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **684841**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **73949B**, and **113339** is the 20% darker color. If you saturate the color by 10%, you get **375F68**, and if you desaturate by 10%, it is **4B6368**.

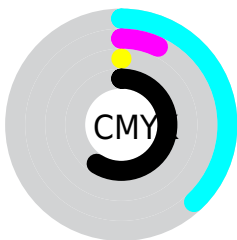
Distribution



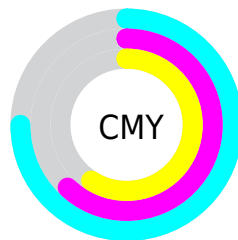
- Red (25%)
- Green (38%)
- Blue (41%)



- Red (25%)
- Yellow (33%)
- Blue (41%)



- Cyan (38%)
- Magenta (7%)
- Yellow (0%)
- Black (59%)



- Cyan (75%)
- Magenta (62%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 416168 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 416168 by changing the saturation by 10% instead.

■ 416168

■ 416168

FFFFFF

■ 294950

■ 73949B

■ 113339

■ 8DAEB6

■ 001E24

■ A7CAD1

■ 00010E

■ C3E6EE

■ 000000

■ DFFFFF

■ FCFFFF

■ 416168

■ 416168

■ 375F68

■ 4B6368

■ 2C5D68

■ 566568

■ 225B68

■ 606768

■ 175A68

■ 6B6868

■ 0D5868

■ 756A68

■ 035668

■ 7F6C68

■ 005568

■ 8A6E68

■ 947068

■ 9F7268

Harmonies

Analogous

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



42625E



416168



485F6E

Triad

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



416168



6B5663



615C48

Complementary

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



416168



684841

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.



6A594A



416168



705559

Square

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



416168



61586C



705650



555F4C

Rectangle

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



416168



505D70



705650



645B48

Sweetspot

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



416168



788487



416847



3C4345



C4C4C4



454545

Same Dimension

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



416168



4A7C87



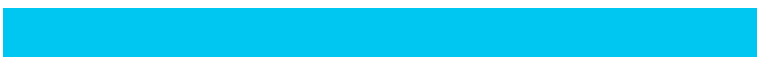
414E68



2E3233



005E73



00C7F2

Inverse Universe

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



684161



874A7C



685B41



332E32



73005E



F200C7

Previews

White Background



This preview shows how the Hex color 416168 looks on a white background.

Color Contrast Check

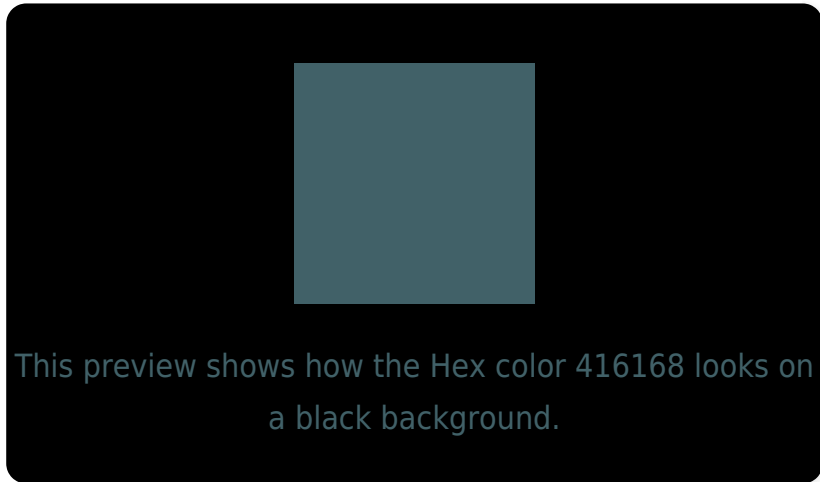
Large Text (above 18pt) WCAG AA ✓ Pass

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

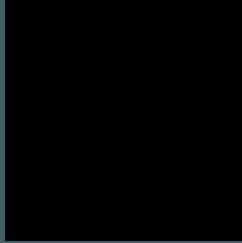
Any Text WCAG AA × Fail

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 416168 Background



This preview shows how black text looks on a background with the Hex color 416168.



This preview shows how white text looks on a background with the Hex color 416168.

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
416168

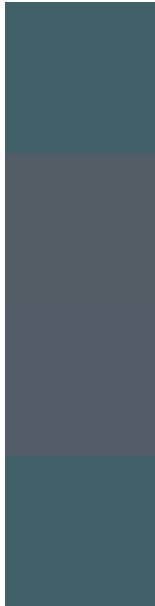
Protanopia
5B5B64

Deuteranopia
5E596A



Tritanopia
416169

Trichromacy



Original Color

416168

Protanomaly

525D65

Deuteranomaly

535C69

Tritanomaly

416169

Monochromacy



Original Color

416168

Achromatopsia

585858

Achromatomaly

505B5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 416168 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 #416168 looks like.

```
.text, #text, p{  
    color:#416168  
}
```

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 #416168 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #416168
}
```

Border

The CSS property to change the border of an element to Hex 416168 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
#416168 }
```

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

```
.border{ border-color:#416168 }
```

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

Here you see how a box with a 4 pixel #416168 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #416168; -webkit-box-shadow:4px 4px  
4px 4px #416168; box-shadow:4px 4px 4px  
4px #416168 }
```

Background

The CSS property to change the background color of an element to Hex 416168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#416168 }
```

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

```
.background{ background-color:#416168 }
```

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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