

Converting Colors

Hex(416378)

Have a look what the booklet for
Hex(416378) contains.

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Color

Hex(416378)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 416378 |
| RGB | 65, 99, 120 |
| RGB Percent | 25%, 39%, 47% |
| CMY | 0.7451, 0.6118, 0.5294 |
| CMYK | 0.46, 0.18, 0.00, 0.53 |
| HSL | 203°, 30%, 36% |
| HSV | 203°, 46%, 47% |
| XYZ | 10.0320, 11.4036, 19.4417 |
| YIQ | 91.2280, -27.0050, -0.6770 |

Conversions

Conversions Part 2

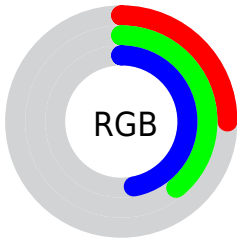
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 65, 86, 120 |
| Decimal | 4285304 |
| CIE _{Lab} | 40.25, -6.17, -15.64 |
| CIE _{LCh} | 40, 16.809, 248.460 |
| Yxy | 11.4036, 0.2454, 0.2790 |
| Android (android.graphics.Color) | 4282475384 (0xFF416378) |
| YUV | 91.2280, 14.1846, -23.0020 |
| Hunter-Lab | 33.7692, -6.0681, -10.4962 |

Details

The Hex color **416378** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **785641**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **7496AC**, and **0D3547** is the 20% darker color. If you saturate the color by 10%, you get **355E78**, and if you desaturate by 10%, it is **4D6878**.

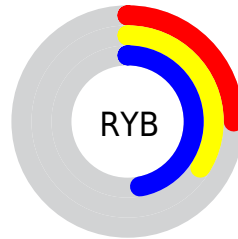
Distribution



Red (25%)

Green (39%)

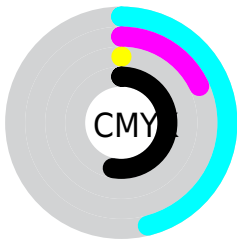
Blue (47%)



Red (25%)

Yellow (34%)

Blue (47%)

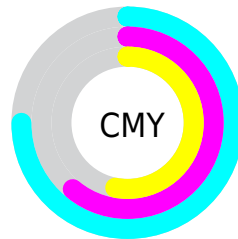


Cyan (46%)

Magenta (18%)

Yellow (0%)

Black (53%)



Cyan (75%)

Magenta (61%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 416378 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 416378 by changing the saturation by 10% instead.

■ 416378

■ 416378

FFFFFF

■ 284B5F

■ 7496AC

■ 0D3547

■ 8EB0C8

■ 001F31

■ A9CCE4

■ 00031C

■ C5E8FF

■ 000000

■ E1FFFF

FEFFFF

■ 416378

■ 416378

■ 355E78

■ 4D6878

■ 295A78

■ 596C78

■ 1D5578

■ 657178

■ 115178

■ 717578

■ 054C78

■ 7D7A78

■ 004A78

■ 897E78

■ 958378

■ A18878

■ AD8C78

Harmonies

Analogous

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



37666F



416378



535F7A

Triad

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



416378



7A555B



566349

Complementary

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



416378



785641

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.



655F44



416378



79574E

Square

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



416378



745669



725B46



466654

Rectangle

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



416378



605C77



725B46



5B6246

Sweetspot

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



416378



86939C



417855



424A4F



CFCFCF



4F4F4F

Same Dimension

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



416378



467B9C



414878



373B3D



004D7D



009CFC

Inverse Universe

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



784163



9C467B



787141



3D373B



7D004D



FC009C

Previews

White Background



This preview shows how the Hex color 416378 looks on a white background.

Color Contrast Check

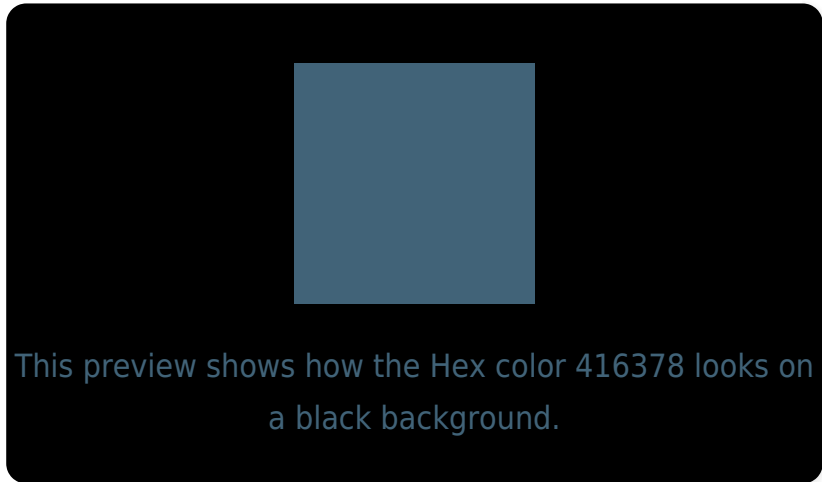
Large Text (above 18pt) WCAG AA ✓ Pass

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

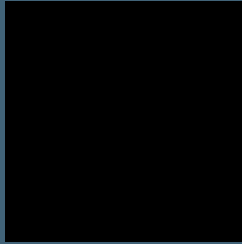
Any Text WCAG AA × Fail

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 416378 Background



This preview shows how black text looks on a background with the Hex color 416378.

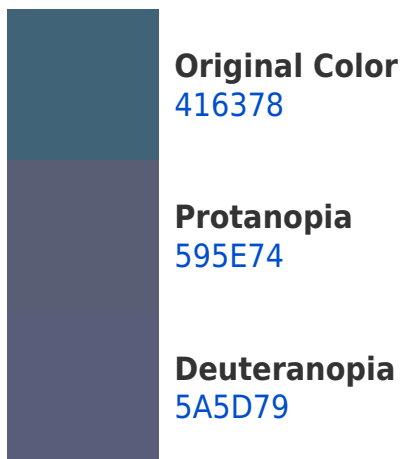



This preview shows how white text looks on a background with the Hex color 416378.

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
3E656D

Trichromacy



Original Color
416378

Protanomaly
506075

Deuteranomaly
515F79

Tritanomaly
3F6471

Monochromacy



Original Color
416378

Achromatopsia
5B5B5B

Achromatomaly
525E66

CSS Examples

Text

The CSS property to change the color of the text to Hex 416378 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 #416378 looks like.

```
.text, #text, p{  
    color:#416378  
}
```

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 #416378 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #416378
}
```

Border

The CSS property to change the border of an element to Hex 416378 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
#416378 }
```

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

```
.border{ border-color:#416378 }
```

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

Here you see how a box with a 4 pixel #416378 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #416378; -webkit-box-shadow:4px 4px  
4px 4px #416378; box-shadow:4px 4px 4px  
4px #416378 }
```

Background

The CSS property to change the background color of an element to Hex 416378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#416378 }
```

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

```
.background{ background-color:#416378 }
```

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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