

Converting Colors

Hex(416066)

Have a look what the booklet for
Hex(416066) contains.

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Color

Hex(416066)

Conversions

Conversions Part 1

Format	Color
Hex	416066
RGB	65, 96, 102
RGB Percent	25%, 38%, 40%
CMY	0.7451, 0.6235, 0.6000
CMYK	0.36, 0.06, 0.00, 0.60
HSL	190°, 22%, 33%
HSV	190°, 36%, 40%
XYZ	8.7611, 10.4489, 14.1254
YIQ	87.4150, -20.4020, -4.7060

Conversions

Conversions Part 2

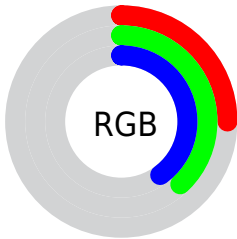
Format	Color
R_{YB}	65, 82, 102
Decimal	4284518
CIE _{Lab}	38.64, -9.64, -7.05
CIE _{LCh}	39, 11.939, 216.164
Yxy	10.4489, 0.2628, 0.3134
Android (android.graphics.Color)	4282474598 (0xFF416066)
YUV	87.4150, 7.1904, -19.6580
Hunter-Lab	32.3247, -8.1886, -3.2816

Details

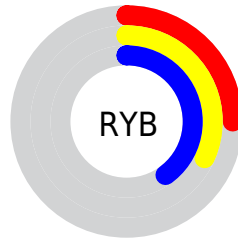
The Hex color **416066** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **664741**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **729399**, and **123237** is the 20% darker color. If you saturate the color by 10%, you get **375E66**, and if you desaturate by 10%, it is **4B6266**.

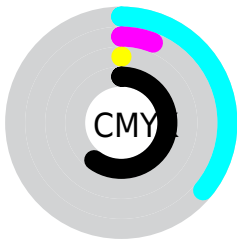
Distribution



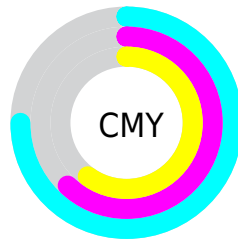
- Red (25%)
- Green (38%)
- Blue (40%)



- Red (25%)
- Yellow (32%)
- Blue (40%)



- Cyan (36%)
- Magenta (6%)
- Yellow (0%)
- Black (60%)



- Cyan (75%)
- Magenta (62%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 416066 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 416066 by changing the saturation by 10% instead.



416066



416066

FFFFFF



29484E



729399



123237



8CADB4



001D22



A7C9CF



00000B



C3E5EB



000000



DFFFFF



FCFFFF



416066



416066



375E66



4B6266

■ 2D5D66

■ 556366

■ 225B66

■ 606566

■ 185966

■ 6A6766

■ 0E5866

■ 746866

■ 045666

■ 7E6A66

■ 005566

■ 886C66

■ 936D66

■ 9D6F66

Harmonies

Analogous

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



43615D



416066



475E6C

Triad

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



416066



695563



605B48

Complementary

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



416066



664741

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.



69584A



416066



6F5459

Square

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



416066



5F586B



6F5550



565E4B

Rectangle

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



416066



4E5C6E



6F5550



645A48

Sweetspot

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



416066



768285



416647



3A4142



C2C2C2



424242

Same Dimension

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



416066



4A7B85



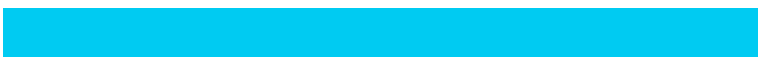
414E66



2E3233



006073



00CBF2

Inverse Universe

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



664160



854A7B



665941



332E32



730060



F200CB

Previews

White Background



This preview shows how the Hex color 416066 looks on a white background.

Color Contrast Check

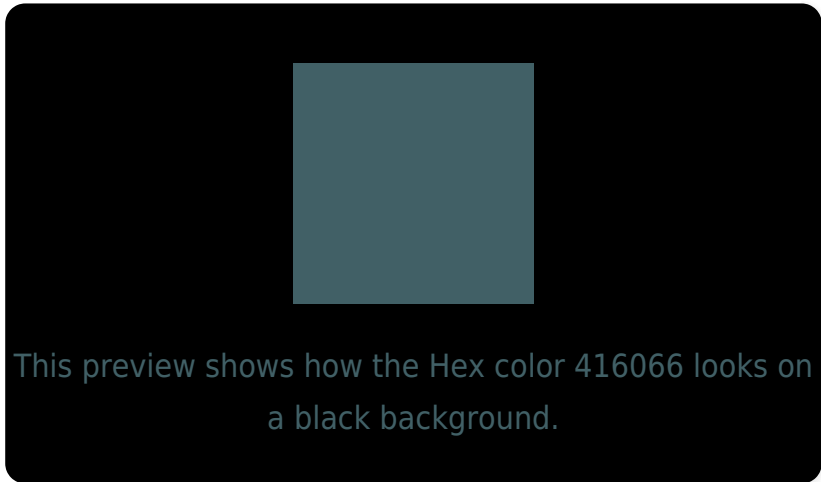
Large Text (above 18pt) WCAG AA ✓ Pass

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

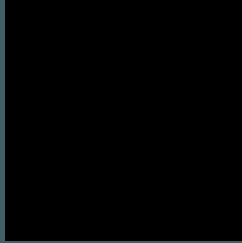
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

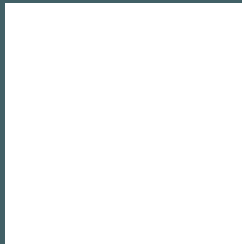
Any Text WCAG AAA × Fail

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

Hex 416066 Background



This preview shows how black text looks on a background with the Hex color 416066.



This preview shows how white text looks on a background with the Hex color 416066.

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

416066

Protanopia

5A5A62

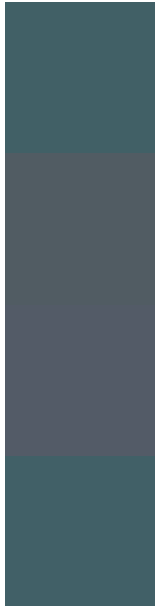
Deuteranopia

5D5868



Tritanopia
416067

Trichromacy



Original Color
416066

Protanomaly
515C63

Deuteranomaly
535B67

Tritanomaly
416067

Monochromacy



Original Color
416066

Achromatopsia
575757

Achromatomaly
4F5A5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 416066 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 #416066 looks like.

```
.text, #text, p{  
    color:#416066  
}
```

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 #416066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #416066
}
```

Border

The CSS property to change the border of an element to Hex 416066 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
#416066 }
```

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

```
.border{ border-color:#416066 }
```

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

Here you see how a box with a 4 pixel #416066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #416066; -webkit-box-shadow:4px 4px  
4px 4px #416066; box-shadow:4px 4px 4px  
4px #416066 }
```

Background

The CSS property to change the background color of an element to Hex 416066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#416066 }
```

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

```
.background{ background-color:#416066 }
```

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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