

Converting Colors

Hex(416229)

Have a look what the booklet for
Hex(416229) contains.

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Color

Hex(416229)

Conversions

Conversions Part 1

Format	Color
Hex	416229
RGB	65, 98, 41
RGB Percent	25%, 38%, 16%
CMY	0.7451, 0.6157, 0.8392
CMYK	0.34, 0.00, 0.58, 0.62
HSL	95°, 41%, 27%
HSV	95°, 58%, 38%
XYZ	6.9479, 10.0193, 3.6655
YIQ	81.6350, -1.3710, -24.7230

Conversions

Conversions Part 2

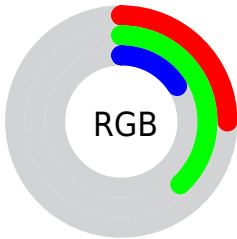
Format	Color
RYB	41, 98, 74
Decimal	4284969
CIELab	37.88, -23.17, 28.31
CIElCh	38, 36.583, 129.291
Yxy	10.0193, 0.3367, 0.4856
Android (android.graphics.Color)	4282475049 (0xFF416229)
YUV	81.6350, -20.0331, -14.5889
Hunter-Lab	31.6532, -16.2124, 15.2913

Details

The Hex color **416229** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4A2962**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **739558**, and **133300** is the 20% darker color. If you saturate the color by 10%, you get **3B621F**, and if you desaturate by 10%, it is **476233**.

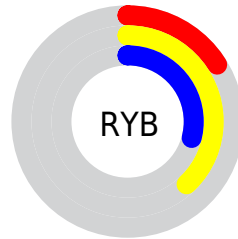
Distribution



Red (25%)

Green (38%)

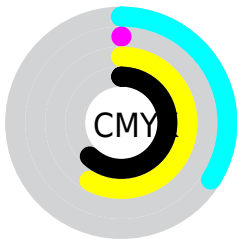
Blue (16%)



Red (16%)

Yellow (38%)

Blue (29%)

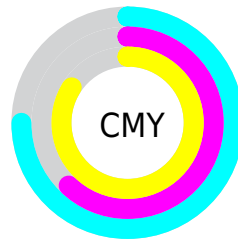


Cyan (34%)

Magenta (0%)

Yellow (58%)

Black (62%)



Cyan (75%)

Magenta (62%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 416229 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 416229 by changing the saturation by 10% instead.



416229



416229

FFFFFF



294A12



739558



133300



8DB071



001F00



A8CB8B



000000



C4E7A6



E0FFC1



FDFDD



FFFFFFA



416229



416229

■ 3B621F

■ 476233

■ 366215

■ 4C623D

■ 30620C

■ 526246

■ 2A6202

■ 586250

■ 296200

■ 5D625A

■ 636264

■ 69626E

■ 6E6277

■ 746281

Harmonies

Analogous

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



615B1B



416229



096643

Triad

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



416229



006290



903F51

Complementary

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



416229



4A2962

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.



84426F



416229



335994

Square

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



416229



00677E



674E87



8B4535

Rectangle

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



416229



006857



674E87



8E3F5B

Sweetspot

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



416229



73806A



624929



384033



BFBFBF



404040

Same Dimension

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



416229



4C8026



29622D



2E302C



2F7000



65F000

Inverse Universe

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



4A2962



5A2680



62295E



2E2C30



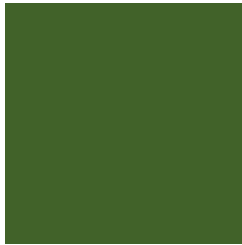
410070



8B00F0

Previews

White Background



This preview shows how the Hex color 416229 looks on a white background.

Color Contrast Check

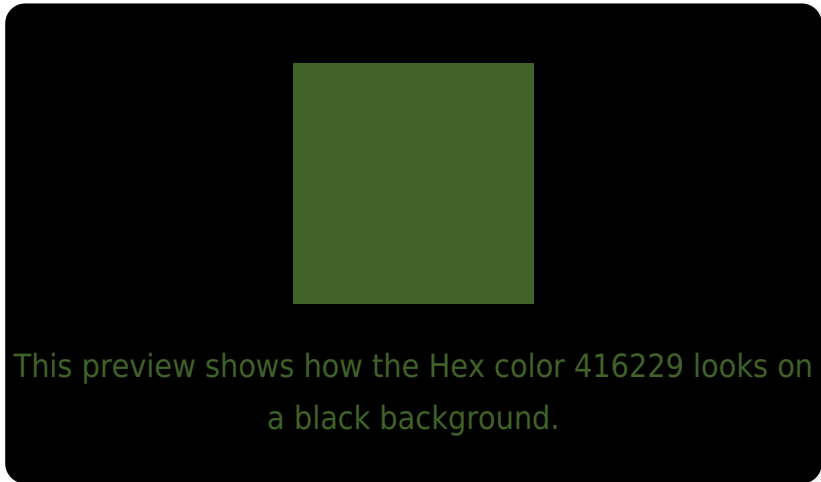
Large Text (above 18pt) WCAG AA ✓ Pass

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

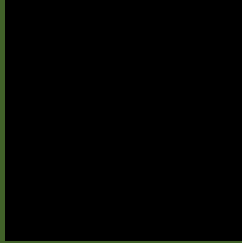
Any Text WCAG AA × Fail

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 416229 Background



This preview shows how black text looks on a background with the Hex color 416229.



This preview shows how white text looks on a background with the Hex color 416229.

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](#).

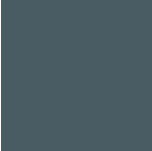
Dichromacy



Original Color
416229

Protanopia
635926

Deuteranopia
6D552D



Tritanopia
4A5C63

Trichromacy



Original Color
416229

Protanomaly
575C27

Deuteranomaly
5D5A2C

Tritanomaly
475E4E

Monochromacy



Original Color
416229

Achromatopsia
525252

Achromatomaly
4C5843

CSS Examples

Text

The CSS property to change the color of the text to Hex 416229 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 #416229 looks like.

```
.text, #text, p{  
    color:#416229  
}
```

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 #416229 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #416229
}
```

Border

The CSS property to change the border of an element to Hex 416229 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".

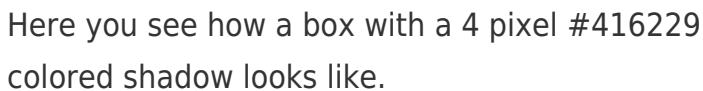
```
.border, #border, table{ border:4px solid
#416229 }
```

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

```
.border{ border-color:#416229 }
```

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

Here you see how a box with a 4 pixel #416229 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #416229; -webkit-box-shadow:4px 4px  
4px 4px #416229; box-shadow:4px 4px 4px  
4px #416229 }
```

Background

The CSS property to change the background color of an element to Hex 416229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#416229 }
```

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

```
.background{ background-color:#416229 }
```

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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