

Converting Colors

Hex(426016)

Have a look what the booklet for
Hex(426016) contains.

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Color

Hex(426016)

Conversions

Conversions Part 1

Format	Color
Hex	426016
RGB	66, 96, 22
RGB Percent	26%, 38%, 9%
CMY	0.7412, 0.6235, 0.9137
CMYK	0.31, 0.00, 0.77, 0.62
HSL	84°, 63%, 23%
HSV	84°, 77%, 38%
XYZ	6.5745, 9.5819, 2.2620
YIQ	78.5940, 5.8740, -29.3740

Conversions

Conversions Part 2

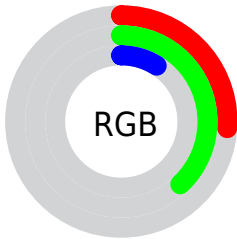
Format	Color
RYB	22, 96, 52
Decimal	4349974
CIELab	37.08, -23.55, 36.54
CIELCh	37, 43.472, 122.805
Yxy	9.5819, 0.3570, 0.5202
Android (android.graphics.Color)	4282540054 (0xFF426016)
YUV	78.5940, -27.9008, -11.0449
Hunter-Lab	30.9547, -16.2591, 17.3356

Details

The Hex color **426016** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **341660**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **759347**, and **123100** is the 20% darker color. If you saturate the color by 10%, you get **3E600C**, and if you desaturate by 10%, it is **466020**.

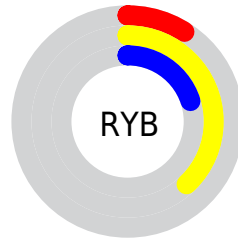
Distribution



Red (26%)

Green (38%)

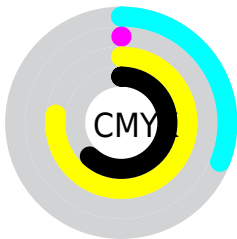
Blue (9%)



Red (9%)

Yellow (38%)

Blue (20%)

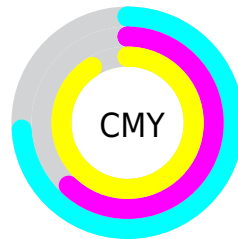


Cyan (31%)

Magenta (0%)

Yellow (77%)

Black (62%)



Cyan (74%)

Magenta (62%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 426016 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 426016 by changing the saturation by 10% instead.

 426016

 426016

FFFFFF

 2A4800

 759347

 123100

 8FAD5F

 001E00

 AAC979

 000000

 C6E593

 E3FFAE

 FFFFC A

 FFFF E7

 426016

 426016

■ 3E600C

■ 466020

■ 3A6003

■ 4A6029

■ 396000

■ 4E6033

■ 52603C

■ 556046

■ 596050

■ 5D6059

■ 616063

■ 65606C

Harmonies

Analogous

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



665705



426016



006536

Triad

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



426016



006395



953555

Complementary

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



426016



341660

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.



843D78



426016



005A9D

Square

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



426016



00677C



5C4C92



933B33

Rectangle

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



426016



00674D



5C4C92



923661

Sweetspot

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



426016



717D60



603416



39402E



BFBFBF



404040

Same Dimension

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



426016



4E7D09



1D6016



2E302C



437000



8FF000

Inverse Universe

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



341660



38097D



591660



2E2C30



2D0070



6100F0

Previews

White Background



This preview shows how the Hex color 426016 looks on a white background.

Color Contrast Check

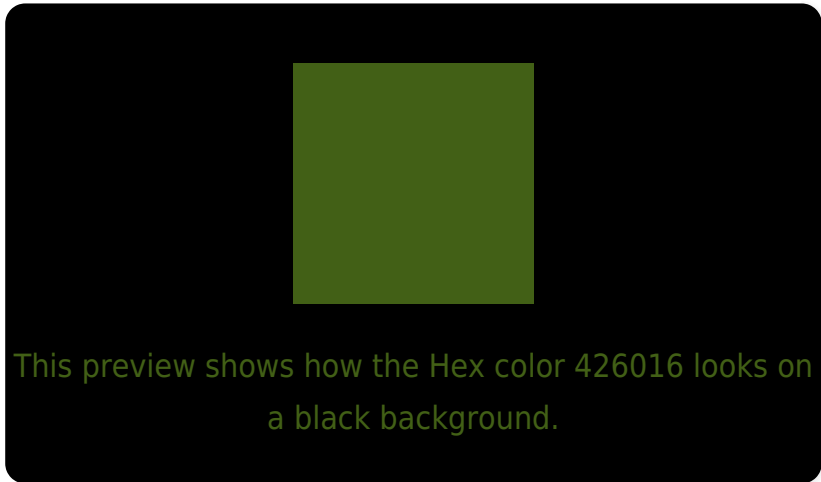
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

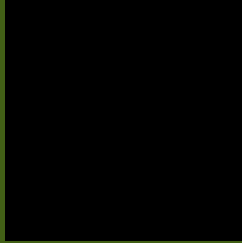
Any Text WCAG AA × Fail

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 426016 Background



This preview shows how black text looks on a background with the Hex color 426016.



This preview shows how white text looks on a background with the Hex color 426016.

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](#).

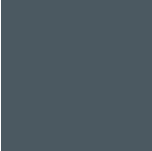
Dichromacy



Original Color
426016

Protanopia
625714

Deuteranopia
6D531C



Tritanopia
4B5961

Trichromacy



Original Color
426016

Protanomaly
565A15

Deuteranomaly
5D581A

Tritanomaly
485C46

Monochromacy



Original Color
426016

Achromatopsia
4F4F4F

Achromatomaly
4A553A

CSS Examples

Text

The CSS property to change the color of the text to Hex 426016 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 #426016 looks like.

```
.text, #text, p{  
    color:#426016  
}
```

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 #426016 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #426016
}
```

Border

The CSS property to change the border of an element to Hex 426016 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
#426016 }
```

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

```
.border{ border-color:#426016 }
```

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

Here you see how a box with a 4 pixel #426016 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #426016; -webkit-box-shadow:4px 4px  
4px 4px #426016; box-shadow:4px 4px 4px  
4px #426016 }
```

Background

The CSS property to change the background color of an element to Hex 426016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#426016 }
```

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

```
.background{ background-color:#426016 }
```

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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