

Converting Colors

Hex(426930)

Have a look what the booklet for
Hex(426930) contains.

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Color

Hex(426930)

Conversions

Conversions Part 1

Format	Color
Hex	426930
RGB	66, 105, 48
RGB Percent	26%, 41%, 19%
CMY	0.7412, 0.5882, 0.8118
CMYK	0.37, 0.00, 0.54, 0.59
HSL	101°, 37%, 30%
HSV	101°, 54%, 41%
XYZ	7.8318, 11.4748, 4.5984
YIQ	86.8410, -4.9470, -25.9950

Conversions

Conversions Part 2

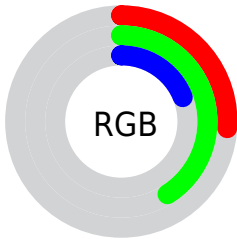
Format	Color
RYB	48, 105, 87
Decimal	4352304
CIELab	40.37, -25.39, 27.54
CIElCh	40, 37.460, 132.678
Yxy	11.4748, 0.3276, 0.4800
Android (android.graphics.Color)	4282542384 (0xFF426930)
YUV	86.8410, -19.1486, -18.2776
Hunter-Lab	33.8745, -18.0108, 15.6637

Details

The Hex color **426930** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **573069**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **749D60**, and **123901** is the 20% darker color. If you saturate the color by 10%, you get **3B6926**, and if you desaturate by 10%, it is **49693B**.

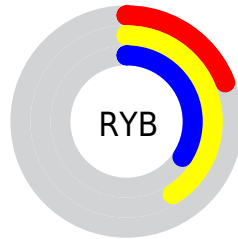
Distribution



Red (26%)

Green (41%)

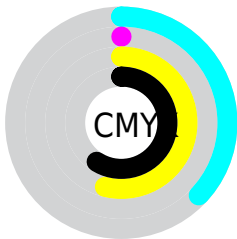
Blue (19%)



Red (19%)

Yellow (41%)

Blue (34%)

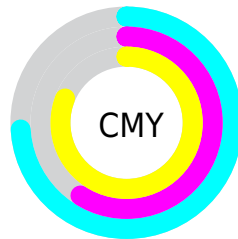


Cyan (37%)

Magenta (0%)

Yellow (54%)

Black (59%)



Cyan (74%)

Magenta (59%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 426930 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 426930 by changing the saturation by 10% instead.

 426930

 426930

FFFFFF

 2A5119

 749D60

 123901

 8FB879

 002400

 AAD393

 000300

 C5F0AE

 000000

 E2FFC9

 FEFFE6

 426930

 426930

 3B6926

 49693B

■ 34691B

■ 506945

■ 2C6911

■ 58694F

■ 256906

■ 5F695A

■ 216900

■ 666965

■ 6D696F

■ 746979

■ 7B6984

■ 83698F

Harmonies

Analogous

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



646220



426930



006D4C

Triad

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



426930



006799



984453

Complementary

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



426930



573069

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.



8E4772



426930



405E9B

Square

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



426930



006D88



72528C



924C37

Rectangle

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



426930



006E61



72528C



97445E

Sweetspot

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



426930



7B8A74



695730



3C4538



C4C4C4



454545

Same Dimension

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



426930



4C8A30



30693A



323630



257500



4DF500

Inverse Universe

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



573069



6D308A



69305F



343036



500075



A700F5

Previews

White Background



This preview shows how the Hex color 426930 looks on a white background.

Color Contrast Check

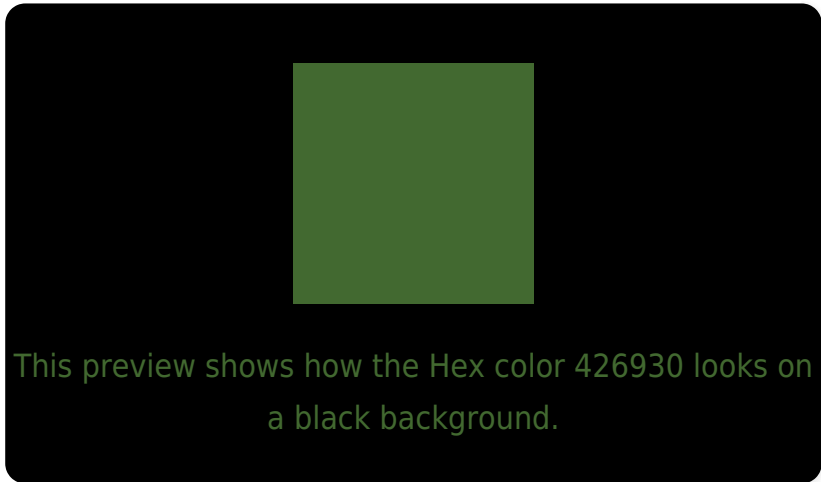
Large Text (above 18pt) WCAG AA ✓ Pass

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

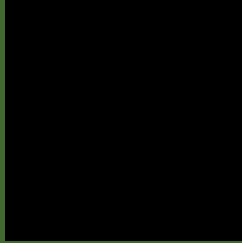
Any Text WCAG AA × Fail

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 426930 Background



This preview shows how black text looks on a background with the Hex color 426930.



This preview shows how white text looks on a background with the Hex color 426930.

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
426930

Protanopia
695F2D

Deuteranopia
745A34



Tritanopia
4C636B

Trichromacy



Original Color
426930

Protanomaly
5B632E

Deuteranomaly
625F33

Tritanomaly
486556

Monochromacy



Original Color
426930

Achromatopsia
575757

Achromatomaly
4F5E49

CSS Examples

Text

The CSS property to change the color of the text to Hex 426930 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 #426930 looks like.

```
.text, #text, p{  
    color:#426930  
}
```

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 #426930 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #426930
}
```

Border

The CSS property to change the border of an element to Hex 426930 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
#426930 }
```

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

```
.border{ border-color:#426930 }
```

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

Here you see how a box with a 4 pixel #426930 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #426930; -webkit-box-shadow:4px 4px  
4px 4px #426930; box-shadow:4px 4px 4px  
4px #426930 }
```

Background

The CSS property to change the background color of an element to Hex 426930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#426930 }
```

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

```
.background{ background-color:#426930 }
```

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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