

Converting Colors

Hex(426642)

Have a look what the booklet for
Hex(426642) contains.

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Color

Hex(426642)

Conversions

Conversions Part 1

Format	Color
Hex	426642
RGB	66, 102, 66
RGB Percent	26%, 40%, 26%
CMY	0.7412, 0.6000, 0.7412
CMYK	0.35, 0.00, 0.35, 0.60
HSL	120°, 21%, 33%
HSV	120°, 35%, 40%
XYZ	7.9815, 11.0543, 6.8673
YIQ	87.1320, -9.9000, -18.8280

Conversions

Conversions Part 2

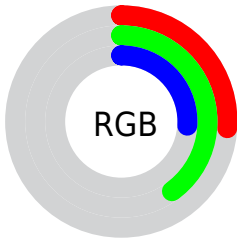
Format	Color
RYB	66, 102, 102
Decimal	4351554
CIELab	39.67, -21.01, 16.38
CIElCh	40, 26.639, 142.069
Yxy	11.0543, 0.3081, 0.4268
Android (android.graphics.Color)	4282541634 (0xFF426642)
YUV	87.1320, -10.4181, -18.5328
Hunter-Lab	33.2481, -15.3335, 11.0275

Details

The Hex color **426642** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **664266**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **739972**, and **133716** is the 20% darker color. If you saturate the color by 10%, you get **386638**, and if you desaturate by 10%, it is **4C664C**.

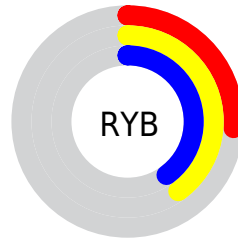
Distribution



Red (26%)

Green (40%)

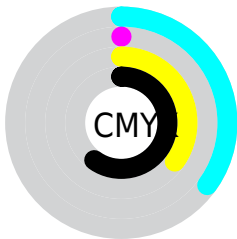
Blue (26%)



Red (26%)

Yellow (40%)

Blue (40%)

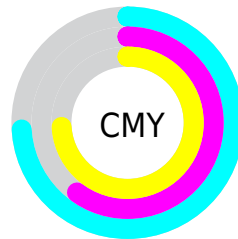


Cyan (35%)

Magenta (0%)

Yellow (35%)

Black (60%)



Cyan (74%)

Magenta (60%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 426642 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 426642 by changing the saturation by 10% instead.



426642



426642

FFFFFF



2B4E2C



739972



133716



8DB48C



002100



A8D0A6



000000



C4ECC2



E0FFDD



FDFFFA



426642



426642



386638



4C664C

 2E662E

 566656

 236623

 616661

 196619

 6B666B

 0F660F

 756675

 056605

 7F667F

 006600

 896689

 946694

 9E669E

Harmonies

Analogous

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



5B6134



426642



236957

Triad

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



426642



316188



874D4E

Complementary

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



426642



664266

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.



834D64



426642



575A86

Square

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



426642



00667F



735278



80533C

Rectangle

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



426642



016966



735278



874C55

Sweetspot

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



426642



768576



666642



3A423A



C2C2C2



424242

Same Dimension

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



426642



4D854D



426654



2E332E



007300



00F200

Inverse Universe

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



664266



854D85



664254



332E33



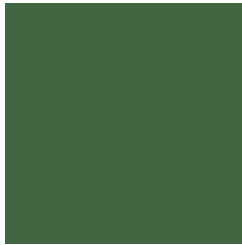
730073



F200F2

Previews

White Background



This preview shows how the Hex color 426642 looks on a white background.

Color Contrast Check

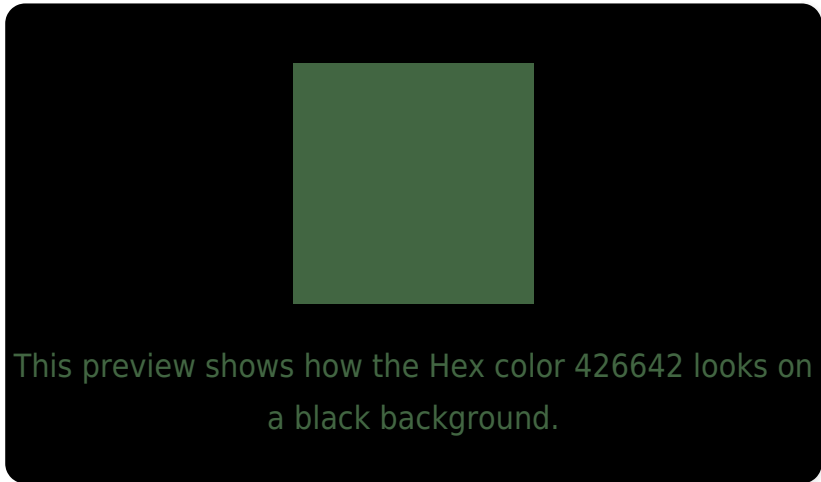
Large Text (above 18pt) WCAG AA ✓ Pass

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

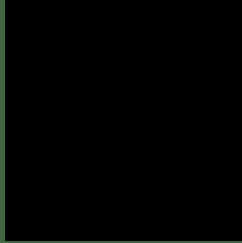
Any Text WCAG AA × Fail

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 426642 Background



This preview shows how black text looks on a background with the Hex color 426642.



This preview shows how white text looks on a background with the Hex color 426642.

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
426642

Protanopia
655D3E

Deuteranopia
6E5945



Tritanopia
496169

Trichromacy



Original Color
426642

Protanomaly
58603F

Deuteranomaly
5E5E44

Tritanomaly
46635B

Monochromacy



Original Color
426642

Achromatopsia
575757

Achromatomaly
4F5C4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 426642 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 #426642 looks like.

```
.text, #text, p{  
    color:#426642  
}
```

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 #426642 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #426642
}
```

Border

The CSS property to change the border of an element to Hex 426642 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".

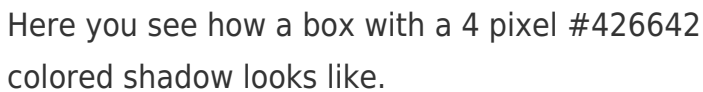
```
.border, #border, table{ border:4px solid
#426642 }
```

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

```
.border{ border-color:#426642 }
```

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

Here you see how a box with a 4 pixel #426642 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #426642; -webkit-box-shadow:4px 4px  
4px 4px #426642; box-shadow:4px 4px 4px  
4px #426642 }
```

Background

The CSS property to change the background color of an element to Hex 426642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#426642 }
```

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

```
.background{ background-color:#426642 }
```

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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