

Converting Colors

Hex(426941)

Have a look what the booklet for
Hex(426941) contains.

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Color

Hex(426941)

Conversions

Conversions Part 1

Format	Color
Hex	426941
RGB	66, 105, 65
RGB Percent	26%, 41%, 25%
CMY	0.7412, 0.5882, 0.7451
CMYK	0.37, 0.00, 0.38, 0.59
HSL	118°, 24%, 33%
HSV	118°, 38%, 41%
XYZ	8.2525, 11.6431, 6.8134
YIQ	88.7790, -10.4040, -20.7080

Conversions

Conversions Part 2

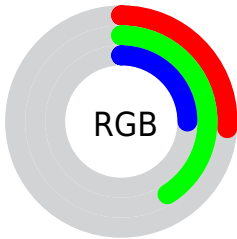
Format	Color
RYB	65, 105, 104
Decimal	4352321
CIELab	40.64, -22.75, 18.26
CIELCh	41, 29.169, 141.247
Yxy	11.6431, 0.3090, 0.4359
Android (android.graphics.Color)	4282542401 (0xFF426941)
YUV	88.7790, -11.7230, -19.9772
Hunter-Lab	34.1219, -16.5427, 12.0464

Details

The Hex color **426941** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **684169**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **749D71**, and **133915** is the 20% darker color. If you saturate the color by 10%, you get **386936**, and if you desaturate by 10%, it is **4C694B**.

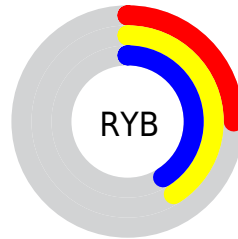
Distribution



Red (26%)

Green (41%)

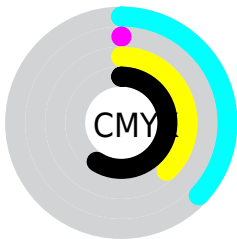
Blue (25%)



Red (25%)

Yellow (41%)

Blue (41%)

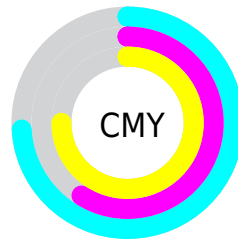


Cyan (37%)

Magenta (0%)

Yellow (38%)

Black (59%)



Cyan (74%)

Magenta (59%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 426941 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 426941 by changing the saturation by 10% instead.



426941



426941

FFFFFF



2A512B



749D71



133915



8EB88B



002400



A9D3A5



000400



C4F0C1



000000



E0FFDC



FDFFF9



426941



426941



386936



4C694B

 2E692C

 566956

 236921

 616961

 196917

 6B696B

 0F690C

 756976

 056902

 7F6980

 036900

 8A698B

 946995

 9E699F

Harmonies

Analogous

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



5E6432



426941



1D6C58

Triad

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



426941



2A648F



8E4D50

Complementary

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



426941



684169

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.



894D68



426941



575C8C

Square

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



426941



006A84



77537E



86543B

Rectangle

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



426941



006C68



77537E



8D4D58

Sweetspot

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



426941



7B8A7B



696841



3C453C



C4C4C4



454545

Same Dimension

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



426941



4C8A4A



416954



303630



037500



06F500

Inverse Universe

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



684169



884A8A



694156



353036



720075



EF00F5

Previews

White Background



This preview shows how the Hex color 426941 looks on a white background.

Color Contrast Check

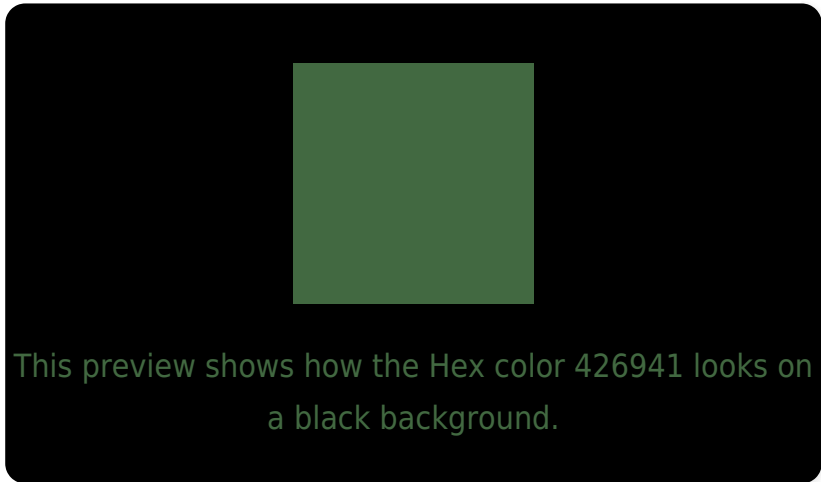
Large Text (above 18pt) WCAG AA ✓ Pass

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

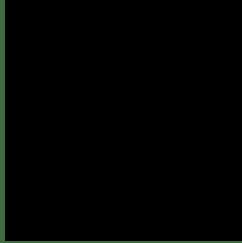
Any Text WCAG AA × Fail

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 426941 Background



This preview shows how black text looks on a background with the Hex color 426941.



This preview shows how white text looks on a background with the Hex color 426941.

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
426941

Protanopia
685F3D

Deuteranopia
715B44



Tritanopia
4A646C

Trichromacy



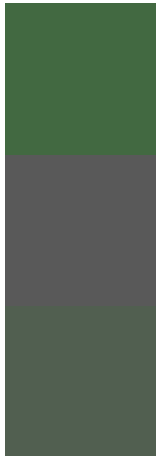
Original Color
426941

Protanomaly
5A633E

Deuteranomaly
606043

Tritanomaly
47665C

Monochromacy



Original Color
426941

Achromatopsia
595959

Achromatomaly
515F50

CSS Examples

Text

The CSS property to change the color of the text to Hex 426941 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 #426941 looks like.

```
.text, #text, p{  
    color:#426941  
}
```

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 #426941 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #426941
}
```

Border

The CSS property to change the border of an element to Hex 426941 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
#426941 }
```

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

```
.border{ border-color:#426941 }
```

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

Here you see how a box with a 4 pixel #426941 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #426941; -webkit-box-shadow:4px 4px  
4px 4px #426941; box-shadow:4px 4px 4px  
4px #426941 }
```

Background

The CSS property to change the background color of an element to Hex 426941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#426941 }
```

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

```
.background{ background-color:#426941 }
```

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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