

Converting Colors

Hex(426E23)

Have a look what the booklet for
Hex(426E23) contains.

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Color

Hex(426E23)

Conversions

Conversions Part 1

Format	Color
Hex	426E23
RGB	66, 110, 35
RGB Percent	26%, 43%, 14%
CMY	0.7412, 0.5686, 0.8627
CMYK	0.40, 0.00, 0.68, 0.57
HSL	95°, 52%, 28%
HSV	95°, 68%, 43%
XYZ	8.1261, 12.4315, 3.5613
YIQ	88.2940, -2.1490, -32.6530

Conversions

Conversions Part 2

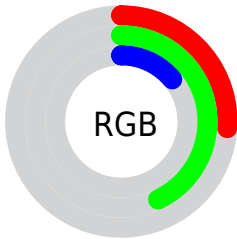
Format	Color
RYB	35, 110, 79
Decimal	4353571
CIELab	41.89, -29.27, 35.86
CIElCh	42, 46.289, 129.230
Yxy	12.4315, 0.3369, 0.5154
Android (android.graphics.Color)	4282543651 (0xFF426E23)
YUV	88.2940, -26.2739, -19.5518
Hunter-Lab	35.2583, -20.5626, 18.6921

Details

The Hex color **426E23** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4F236E**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **75A254**, and **103E00** is the 20% darker color. If you saturate the color by 10%, you get **3C6E18**, and if you desaturate by 10%, it is **486E2E**.

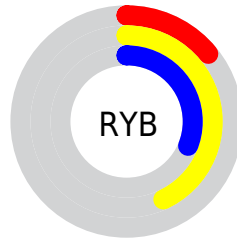
Distribution



 Red (26%)

 Green (43%)

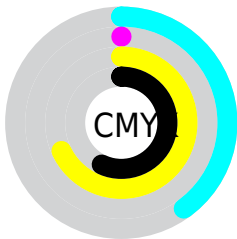
 Blue (14%)



 Red (14%)

 Yellow (43%)

 Blue (31%)

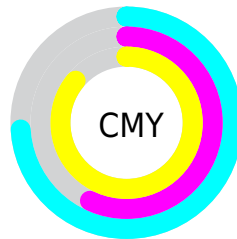


 Cyan (40%)

 Magenta (0%)

 Yellow (68%)

 Black (57%)



 Cyan (74%)

 Magenta (57%)

 Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 426E23 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 426E23 by changing the saturation by 10% instead.

 426E23

 426E23

FFFFFF

 295509

 75A254

 103E00

 90BD6D

 002800

 ABD987

 000D00

 C7F6A1

 000000

 E4FFBD

 FFFFD9

 FFFFF6

 426E23

 426E23

■ 3C6E18

■ 486E2E

■ 356E0D

■ 4F6E39

■ 2F6E02

■ 556E44

■ 2D6E00

■ 5C6E4F

■ 626E5A

■ 696E65

■ 6F6E70

■ 766E7B

■ 7C6E86

Harmonies

Analogous

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



6B650B



426E23



007346

Triad

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



426E23



006EAA



A83E59

Complementary

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



426E23



4F236E

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.



9A447F



426E23



2463AE

Square

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



426E23



007492



74549E



A14835

Rectangle

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



426E23



007561



74549E



A53E65

Sweetspot

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



426E23



7E8F72



6E4F23



3D4736



C7C7C7



474747

Same Dimension

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



426E23



4A8F1A



236E29



353832



327800



66F700

Inverse Universe

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



4F236E



5E1A8F



6E2368



363238



460078



9100F7

Previews

White Background



This preview shows how the Hex color 426E23 looks on a white background.

Color Contrast Check

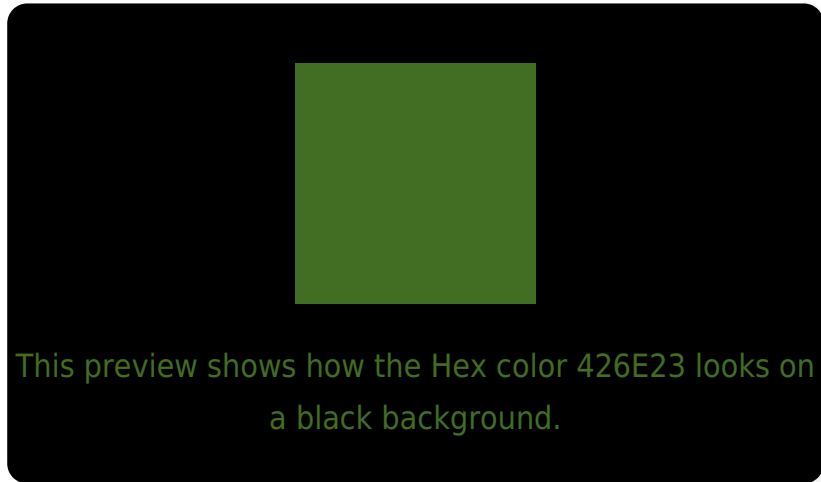
Large Text (above 18pt) WCAG AA ✓ Pass

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 426E23 Background



This preview shows how black text looks on a background with the Hex color 426E23.



This preview shows how white text looks on a background with the Hex color 426E23.

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
426E23

Protanopia
6E6320

Deuteranopia
7A5E29



Tritanopia
4E676F

Trichromacy



Original Color
426E23

Protanomaly
5E6721

Deuteranomaly
666427

Tritanomaly
4A6A53

Monochromacy



Original Color
426E23

Achromatopsia
585858

Achromatomaly
506045

CSS Examples

Text

The CSS property to change the color of the text to Hex 426E23 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 #426E23 looks like.

```
.text, #text, p{  
    color:#426E23  
}
```

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 #426E23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #426E23  
}
```

Border

The CSS property to change the border of an element to Hex 426E23 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".

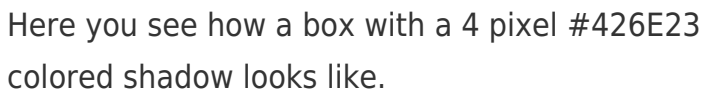
```
.border, #border, table{ border:4px solid  
#426E23 }
```

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

```
.border{ border-color:#426E23 }
```

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

Here you see how a box with a 4 pixel #426E23 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #426E23; -webkit-box-shadow:4px 4px  
4px 4px #426E23; box-shadow:4px 4px 4px  
4px #426E23 }
```

Background

The CSS property to change the background color of an element to Hex 426E23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#426E23 }
```

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

```
.background{ background-color:#426E23 }
```

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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