

# Converting Colors

Hex(426100)

Have a look what the booklet for  
Hex(426100) contains.

<b>Hex(426100)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(426100)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	426100
RGB	66, 97, 0
RGB Percent	26%, 38%, 0%
CMY	0.7412, 0.6196, 1.0000
CMYK	0.32, 0.00, 1.00, 0.62
HSL	79°, 100%, 19%
HSV	79°, 100%, 38%
XYZ	6.5215, 9.7076, 1.5300
YIQ	76.6730, 12.6610, -36.7390

# Conversions

## Conversions Part 2

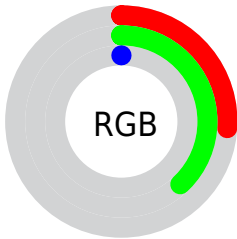
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 97, 31
Decimal	4350208
CIELab	37.31, -25.10, 43.66
CIElCh	37, 50.357, 119.898
Yxy	9.7076, 0.3672, 0.5466
Android (android.graphics.Color)	4282540288 (0xFF426100)
YUV	76.6730, -37.7998, -9.3602
Hunter-Lab	31.1571, -17.1632, 18.8984

# Details

The Hex color **426100** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1F0061**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **769439**, and **0F3200** is the 20% darker color. If you saturate the color by 10%, you get **426100**, and if you desaturate by 10%, it is **45610A**.

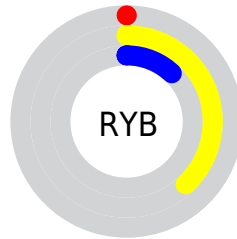
# Distribution



Red (26%)

Green (38%)

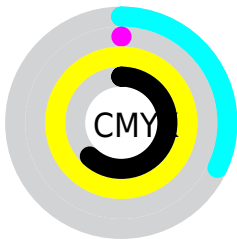
Blue (0%)



Red (0%)

Yellow (38%)

Blue (12%)

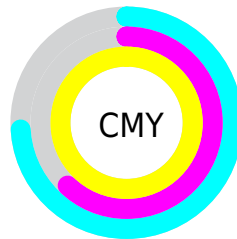


Cyan (32%)

Magenta (0%)

Yellow (100%)

Black (62%)



Cyan (74%)

Magenta (62%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 426100 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 426100 by changing the saturation by 10% instead.



 426100

 426100

 FFFFF5

 2A4900

 769439

 0F3200

 90AF52

 001F00

 ACCA6B

 000000

 C8E686

 E5FFA1

 FFFFBC

 FFFFD8

 426100

 45610A

 486113

 4B611D

 4E6127

 526131

 55613A

 586144

 5B614E

 5E6157

# Harmonies

## Analogous

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



6A5600



426100



00672C

# Triad

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



426100



00669E



9E2B5A

# Complementary

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



426100



1F0061

# 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.



883981



426100



005DAA

# Square

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



426100



006A7F



554D9F



9C3332

# Rectangle

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



426100



006948



554D9F



992E67



# Sweetspot

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



426100



717D57



611F00



384029



BFBFBF



404040



# Same Dimension

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



426100



557D00



126100



2F302C



4C7000



A3F000



# Inverse Universe

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



1F0061



28007D



4F0061



2D2C30



240070

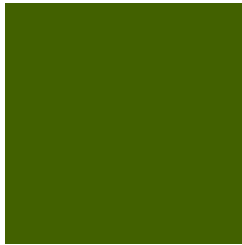


4D00F0



# Previews

## White Background



This preview shows how the Hex color 426100 looks on a white background.

## Color Contrast Check

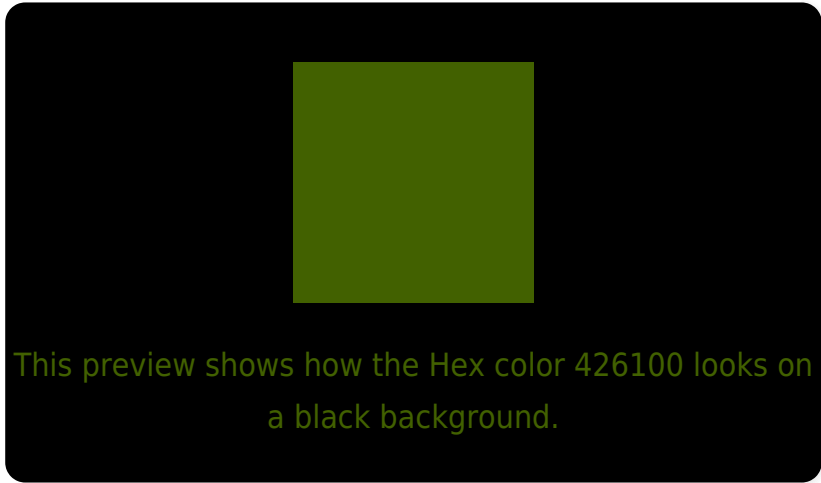
Large Text (above 18pt) WCAG AA ✓ Pass

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

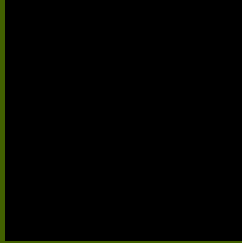
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 426100 Background



This preview shows how black text looks on a background with the Hex color 426100.



This preview shows how white text looks on a background with the Hex color 426100.

# 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**  
426100

**Protanopia**  
635800

**Deuteranopia**  
6E5313



**Tritanopia**  
4C5A61

# Trichromacy



**Original Color**  
426100

**Protanomaly**  
575B00

**Deuteranomaly**  
5E580C

**Tritanomaly**  
485D3E

# Monochromacy



**Original Color**  
426100

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
495431

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 426100 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 #426100 looks like.

```
.text, #text, p{  
    color:#426100  
}
```

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 #426100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #426100
}
```

## Border

The CSS property to change the border of an element to Hex 426100 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
#426100 }
```

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

```
.border{ border-color:#426100 }
```

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

Here you see how a box with a 4 pixel #426100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #426100; -webkit-box-shadow:4px 4px  
4px 4px #426100; box-shadow:4px 4px 4px  
4px #426100 }
```

# Background

The CSS property to change the background color of an element to Hex 426100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#426100 }
```

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

```
.background{ background-color:#426100 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor