

# Converting Colors

Hex(416921)

Have a look what the booklet for  
Hex(416921) contains.

<b>Hex(416921)</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(416921)**

# Conversions

## Conversions Part 1

Format	Color
Hex	416921
RGB	65, 105, 33
RGB Percent	25%, 41%, 13%
CMY	0.7451, 0.5882, 0.8706
CMYK	0.38, 0.00, 0.69, 0.59
HSL	93°, 52%, 27%
HSV	93°, 69%, 41%
XYZ	7.5061, 11.3368, 3.2314
YIQ	84.8320, -0.7280, -30.8720

# Conversions

## Conversions Part 2

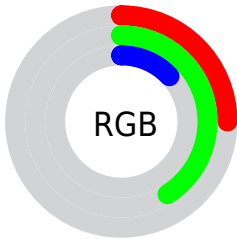
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	33, 105, 73
Decimal	4286753
CIE Lab	40.14, -27.47, 34.87
CIE LCh	40, 44.397, 128.231
Yxy	11.3368, 0.3400, 0.5136
Android (android.graphics.Color)	4282476833 (0xFF416921)
YUV	84.8320, -25.5532, -17.3927
Hunter-Lab	33.6701, -19.1298, 17.8788

# Details

The Hex color **416921** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **492169**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **749D51**, and **113900** is the 20% darker color. If you saturate the color by 10%, you get **3B6917**, and if you desaturate by 10%, it is **47692B**.

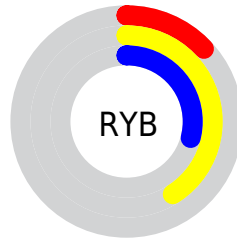
# Distribution



Red (25%)

Green (41%)

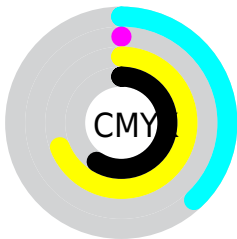
Blue (13%)



Red (13%)

Yellow (41%)

Blue (29%)

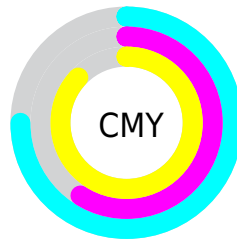


Cyan (38%)

Magenta (0%)

Yellow (69%)

Black (59%)



Cyan (75%)

Magenta (59%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 416921 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 416921 by changing the saturation by 10% instead.





416921



416921

FFFFFF



285107



749D51



113900



8EB86A



002400



AAD384



000100



C5F09F



000000



E2FFBA



FFFFD6



FFFFF3



416921



416921

■ 3B6917

■ 47692B

■ 35690C

■ 4D6936

■ 306902

■ 536941

■ 2F6900

■ 58694B

■ 5E6956

■ 646960

■ 6A696A

■ 706975

■ 766980

# Harmonies

## Analogous

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



68600C



416921



006E42

# Triad

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



416921



006AA2



A03C56

# Complementary

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



416921



492169

# 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.



92417A



416921



1F5FA7

# Square

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



416921



006F8B



6D5198



9B4434

# Rectangle

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



416921



00705B



6D5198



9E3C62



# Sweetspot

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



416921



7A8A6D



694921



3B4534



C4C4C4



454545



# Same Dimension

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



416921



4B8A19



216925



333630



347500



6DF500



# Inverse Universe

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



492169



58198A



692165



333036



410075



8800F5



# Previews

## White Background



This preview shows how the Hex color 416921 looks on a white background.

## Color Contrast Check

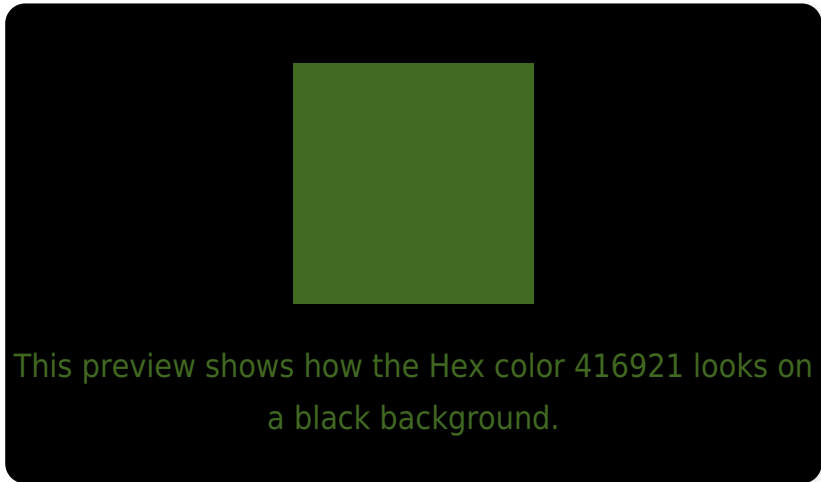
Large Text (above 18pt) WCAG AA ✓ Pass

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 416921 Background



This preview shows how black text looks on a background with the Hex color 416921.



This preview shows how white text looks on a background with the Hex color 416921.

# 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**  
416921

**Protanopia**  
6A5E1E

**Deuteranopia**  
755A26



**Tritanopia**  
4C626A

# Trichromacy



**Original Color**  
416921

**Protanomaly**  
5B621F

**Deuteranomaly**  
625F24

**Tritanomaly**  
48654F

# Monochromacy



**Original Color**  
416921

**Achromatopsia**  
555555

**Achromatomaly**  
4E5C42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 416921 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 #416921 looks like.

```
.text, #text, p{  
    color:#416921  
}
```

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 #416921 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #416921  
}
```

## Border

The CSS property to change the border of an element to Hex 416921 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  
#416921 }
```

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

```
.border{ border-color:#416921 }
```

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

Here you see how a box with a 4 pixel #416921 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #416921; -webkit-box-shadow:4px 4px  
4px 4px #416921; box-shadow:4px 4px 4px  
4px #416921 }
```

# Background

The CSS property to change the background color of an element to Hex 416921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#416921 }
```

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

```
.background{ background-color:#416921 }
```

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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