

# Converting Colors

Hex(406441)

Have a look what the booklet for  
Hex(406441) contains.

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# Color

**Hex(406441)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	406441
RGB	64, 100, 65
RGB Percent	25%, 39%, 25%
CMY	0.7490, 0.6078, 0.7451
CMYK	0.36, 0.00, 0.35, 0.61
HSL	122°, 22%, 32%
HSV	122°, 36%, 39%
XYZ	7.6257, 10.5860, 6.6424
YIQ	85.2460, -10.2210, -18.5170

# Conversions

## Conversions Part 2

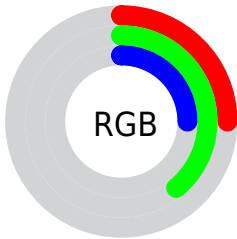
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 99, 100
Decimal	4219969
CIELab	38.87, -20.88, 15.88
CIELCh	39, 26.229, 142.744
Yxy	10.5860, 0.3068, 0.4259
Android (android.graphics.Color)	4282410049 (0xFF406441)
YUV	85.2460, -9.9813, -18.6327
Hunter-Lab	32.5361, -15.1022, 10.6709

# Details

The Hex color **406441** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **644063**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **719771**, and **113516** is the 20% darker color. If you saturate the color by 10%, you get **366437**, and if you desaturate by 10%, it is **4A644B**.

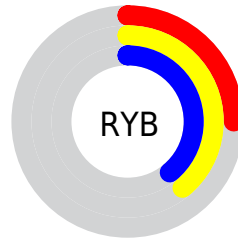
# Distribution



Red (25%)

Green (39%)

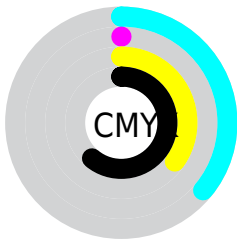
Blue (25%)



Red (25%)

Yellow (39%)

Blue (39%)

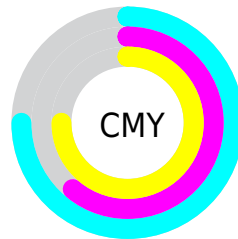


Cyan (36%)

Magenta (0%)

Yellow (35%)

Black (61%)



Cyan (75%)

Magenta (61%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 406441 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 406441 by changing the saturation by 10% instead.





406441



406441

FFFFFF



294C2B



719771



113516



8BB28B



002000



A6CEA5



000000



C1EAC0



DFFFDC



FAFFF9



406441



406441



366437



4A644B

 2C642E

 546454

 226424

 5E645E

 18641A

 686468

 0E6410

 726472

 046407

 7C647B

 006403

 866485

 90648F

 9A6499

# Harmonies

## Analogous

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



595F33



406441



216655

# Triad

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



406441



315F85



854C4C

# Complementary

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



406441



644063

# 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.



814B62



406441



565883

# Square

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



406441



00647D



715076



7D513A

# Rectangle

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



406441



006764



715076



854B53



# Sweetspot

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



406441



748274



636440



3A423A



C2C2C2



424242



# Same Dimension

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



406441



4A824C



406453



2E332E



007303



00F207



# Inverse Universe

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



644063



824A80



644051



332E33



730070

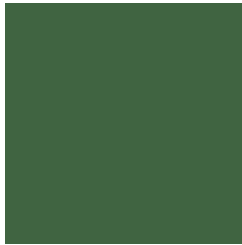


F200EC



# Previews

## White Background



This preview shows how the Hex color 406441 looks on a white background.

## Color Contrast Check

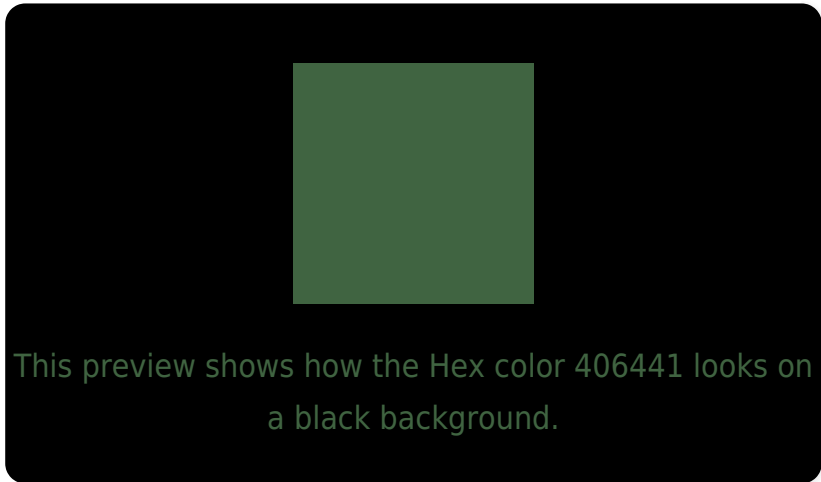
Large Text (above 18pt) WCAG AA ✓ Pass

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

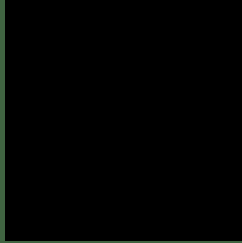
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 406441 Background



This preview shows how black text looks on a background with the Hex color 406441.



This preview shows how white text looks on a background with the Hex color 406441.

# 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**  
406441

**Protanopia**  
635B3D

**Deuteranopia**  
6C5744



**Tritanopia**  
475F67

# Trichromacy



**Original Color**  
406441

**Protanomaly**  
565E3E

**Deuteranomaly**  
5C5C43

**Tritanomaly**  
446159

# Monochromacy



**Original Color**  
406441

**Achromatopsia**  
555555

**Achromatomaly**  
4D5A4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 406441 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 #406441 looks like.

```
.text, #text, p{  
    color:#406441  
}
```

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 #406441 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #406441
}
```

## Border

The CSS property to change the border of an element to Hex 406441 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
#406441 }
```

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

```
.border{ border-color:#406441 }
```

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

Here you see how a box with a 4 pixel #406441 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #406441; -webkit-box-shadow:4px 4px  
4px 4px #406441; box-shadow:4px 4px 4px  
4px #406441 }
```

# Background

The CSS property to change the background color of an element to Hex 406441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#406441 }
```

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

```
.background{ background-color:#406441 }
```

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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