

# Converting Colors

Hex(406340)

Have a look what the booklet for  
Hex(406340) contains.

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# Color

**Hex(406340)**

# Conversions

## Conversions Part 1

Format	Color
Hex	406340
RGB	64, 99, 64
RGB Percent	25%, 39%, 25%
CMY	0.7490, 0.6118, 0.7490
CMYK	0.35, 0.00, 0.35, 0.61
HSL	120°, 21%, 32%
HSV	120°, 35%, 39%
XYZ	7.5016, 10.3838, 6.4594
YIQ	84.5450, -9.6250, -18.3050

# Conversions

## Conversions Part 2

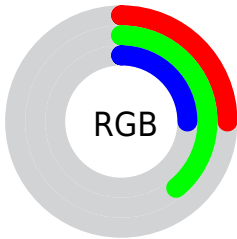
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 99, 99
Decimal	4219712
CIELab	38.52, -20.54, 16.00
CIElCh	39, 26.036, 142.075
Yxy	10.3838, 0.3081, 0.4265
Android (android.graphics.Color)	4282409792 (0xFF406340)
YUV	84.5450, -10.1287, -18.0180
Hunter-Lab	32.2240, -14.8379, 10.6719

# Details

The Hex color **406340** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **634063**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **719670**, and **123415** is the 20% darker color. If you saturate the color by 10%, you get **366336**, and if you desaturate by 10%, it is **4A634A**.

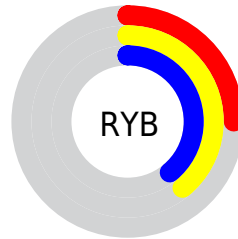
# Distribution



Red (25%)

Green (39%)

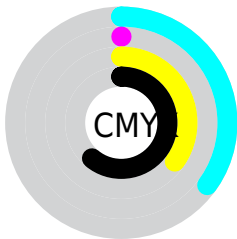
Blue (25%)



Red (25%)

Yellow (39%)

Blue (39%)

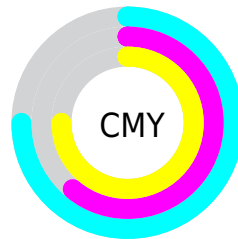


Cyan (35%)

Magenta (0%)

Yellow (35%)

Black (61%)



Cyan (75%)

Magenta (61%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 406340 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 406340 by changing the saturation by 10% instead.



 406340

 406340

FFFFFF

 294B2A

 719670

 123415

 8BB18A

 001F00

 A6CCA4

 000000

 C1E9BF

 DDFFD8

 FAFFF7

 406340

 406340

 366336

 4A634A

 2C632C

 546354

 226322

 5E635E

 186318

 686368

 0E630E

 726372

 056305

 7B637B

 006300

 856385

 8F638F

 996399

# Harmonies

## Analogous

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



595E33



406340



226554

# Triad

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



406340



305E84



834B4C

# Complementary

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



406340



634063

# 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.



804A61



406340



555782

# Square

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



406340



00637B



705075



7C503A

# Rectangle

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



406340



016663



705075



834A53



# Sweetspot

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



406340



718071



636340



374037



BFBFBF



404040



# Same Dimension

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



406340



4A804A



406352



2C302C



007000



00F000



# Inverse Universe

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



634063



804A80



634052



302C30



700070

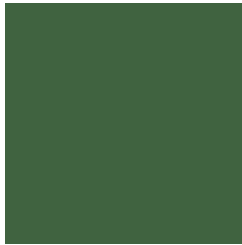


F000F0



# Previews

## White Background



This preview shows how the Hex color 406340 looks on a white background.

## Color Contrast Check

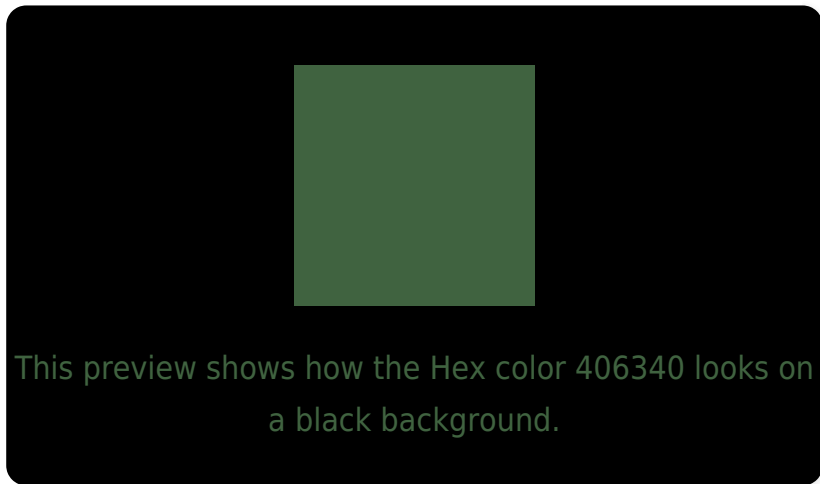
Large Text (above 18pt) WCAG AA ✓ Pass

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

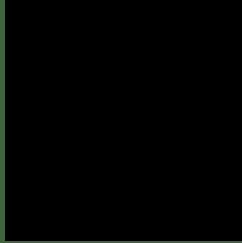
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 406340 Background



This preview shows how black text looks on a background with the Hex color 406340.



This preview shows how white text looks on a background with the Hex color 406340.

# 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**  
406340

**Protanopia**  
625A3C

**Deuteranopia**  
6B5743



**Tritanopia**  
475E66

# Trichromacy



**Original Color**  
406340

**Protanomaly**  
565D3D

**Deuteranomaly**  
5B5B42

**Tritanomaly**  
446058

# Monochromacy



**Original Color**  
406340

**Achromatopsia**  
555555

**Achromatomaly**  
4D5A4D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 406340 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 #406340 looks like.

```
.text, #text, p{  
    color:#406340  
}
```

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 #406340 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #406340
}
```

## Border

The CSS property to change the border of an element to Hex 406340 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
#406340 }
```

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

```
.border{ border-color:#406340 }
```

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

Here you see how a box with a 4 pixel #406340 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #406340; -webkit-box-shadow:4px 4px  
4px 4px #406340; box-shadow:4px 4px 4px  
4px #406340 }
```

# Background

The CSS property to change the background color of an element to Hex 406340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#406340 }
```

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

```
.background{ background-color:#406340 }
```

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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