

# Converting Colors

Hex(386435)

Have a look what the booklet for  
Hex(386435) contains.

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# Color

Hex(386435)

# Conversions

## Conversions Part 1

Format	Color
Hex	386435
RGB	56, 100, 53
RGB Percent	22%, 39%, 21%
CMY	0.7804, 0.6078, 0.7922
CMYK	0.44, 0.00, 0.47, 0.61
HSL	116°, 31%, 30%
HSV	116°, 47%, 39%
XYZ	6.8307, 10.2121, 4.9793
YIQ	81.4860, -11.1370, -23.9450

# Conversions

## Conversions Part 2

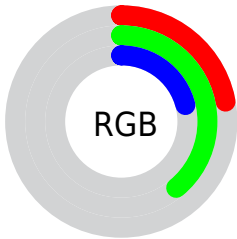
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 100, 97
Decimal	3695669
CIELab	38.22, -25.83, 21.96
CIElCh	38, 33.905, 139.626
Yxy	10.2121, 0.3102, 0.4637
Android (android.graphics.Color)	4281885749 (0xFF386435)
YUV	81.4860, -14.0436, -22.3512
Hunter-Lab	31.9564, -17.7695, 13.1312

# Details

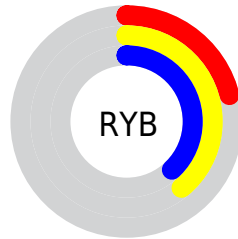
The Hex color **386435** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **613564**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6A9764**, and **053508** is the 20% darker color. If you saturate the color by 10%, you get **2F642B**, and if you desaturate by 10%, it is **41643F**.

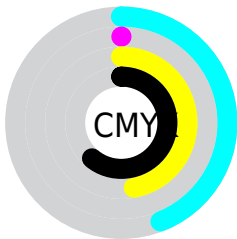
# Distribution



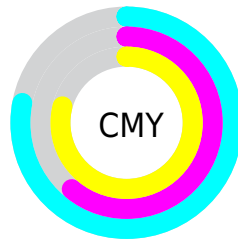
- Red (22%)
- Green (39%)
- Blue (21%)



- Red (21%)
- Yellow (39%)
- Blue (38%)



- Cyan (44%)
- Magenta (0%)
- Yellow (47%)
- Black (61%)



- Cyan (78%)
- Magenta (61%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 386435 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 386435 by changing the saturation by 10% instead.



 386435

 386435

FFFFFF

 204C1F

 6A9764

 053508

 84B27E

 002000

 9ECE98

 000000

 BAEAB3

 D6FFCE

 F2FFEB

 386435

 386435

 2F642B

 41643F

■ 256421

■ 4B6449

■ 1C6417

■ 546453

■ 13640D

■ 5D645D

■ 096403

■ 676467

■ 066400

■ 706471

■ 7A647B

■ 836485

■ 8C648F

# Harmonies

## Analogous

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



585E24



386435



00674F

# Triad

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



386435



006090



8D4349

# Complementary

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



386435



613564

# 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.



884365



386435



4C578E

# Square

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



386435



006583



724C7E



854B31

# Rectangle

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



386435



006862



724C7E



8D4252



# Sweetspot

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



386435



718270



646135



384237



C2C2C2



424242



# Same Dimension

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



386435



3E8239



356449



2E332E



077300



0FF200



# Inverse Universe

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



613564



7D3982



643550



332E33



6B0073

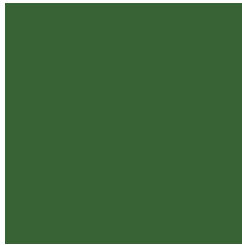


E300F2



# Previews

## White Background



This preview shows how the Hex color 386435 looks on a white background.

## Color Contrast Check

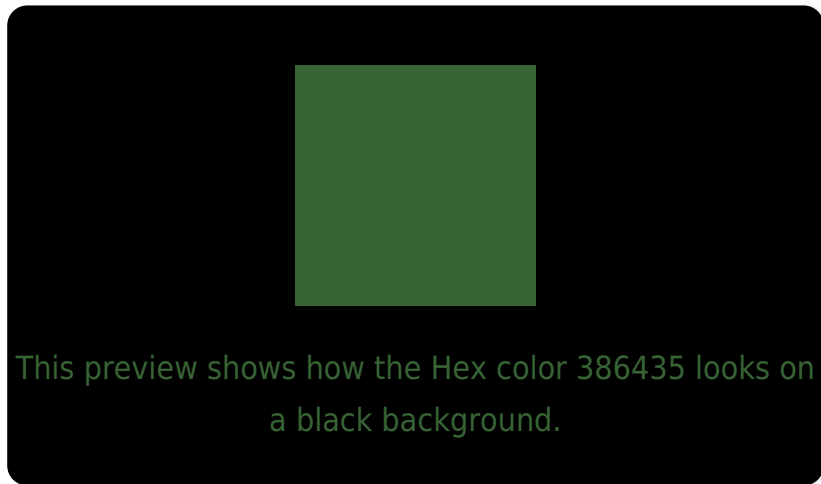
Large Text (above 18pt) WCAG AA ✓ Pass

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

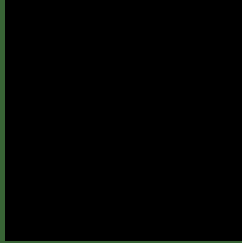
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 386435 Background



This preview shows how black text looks on a background with the Hex color 386435.



This preview shows how white text looks on a background with the Hex color 386435.

# 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**  
386435

**Protanopia**  
635A31

**Deuteranopia**  
6C5638



**Tritanopia**  
425E66

# Trichromacy



**Original Color**  
386435

**Protanomaly**  
535E32

**Deuteranomaly**  
595B37

**Tritanomaly**  
3E6054

# Monochromacy



**Original Color**  
386435

**Achromatopsia**  
515151

**Achromatomaly**  
485847

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 386435 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 #386435 looks like.

```
.text, #text, p{  
    color:#386435  
}
```

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 #386435 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #386435
}
```

## Border

The CSS property to change the border of an element to Hex 386435 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".

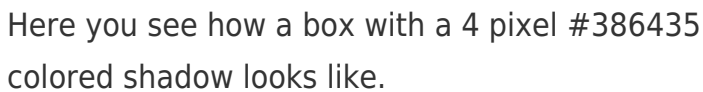
```
.border, #border, table{ border:4px solid
#386435 }
```

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

```
.border{ border-color:#386435 }
```

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

Here you see how a box with a 4 pixel #386435 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #386435; -webkit-box-shadow:4px 4px  
4px 4px #386435; box-shadow:4px 4px 4px  
4px #386435 }
```

# Background

The CSS property to change the background color of an element to Hex 386435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#386435 }
```

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

```
.background{ background-color:#386435 }
```

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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