

# Converting Colors

Hex(386957)

Have a look what the booklet for  
Hex(386957) contains.

<b>Hex(386957)</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(386957)**

# Conversions

## Conversions Part 1

Format	Color
Hex	386957
RGB	56, 105, 87
RGB Percent	22%, 41%, 34%
CMY	0.7804, 0.5882, 0.6588
CMYK	0.47, 0.00, 0.17, 0.59
HSL	158°, 30%, 32%
HSV	158°, 47%, 41%
XYZ	8.4028, 11.6320, 10.8192
YIQ	88.2970, -23.4260, -15.9860

# Conversions

## Conversions Part 2

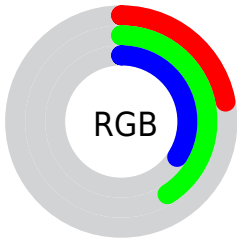
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 86, 105
Decimal	3696983
CIELab	40.63, -21.33, 4.99
CIELCh	41, 21.911, 166.823
Yxy	11.6320, 0.2723, 0.3770
Android (android.graphics.Color)	4281887063 (0xFF386957)
YUV	88.2970, -0.6394, -28.3245
Hunter-Lab	34.1058, -15.7074, 5.0658

# Details

The Hex color **386957** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **69384A**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **6A9D89**, and **03392A** is the 20% darker color. If you saturate the color by 10%, you get **2E6953**, and if you desaturate by 10%, it is **42695B**.

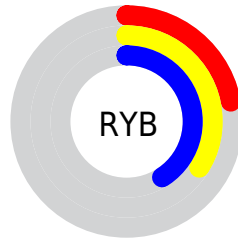
# Distribution



Red (22%)

Green (41%)

Blue (34%)



Red (22%)

Yellow (34%)

Blue (41%)

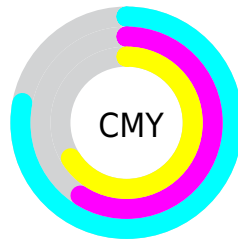


Cyan (47%)

Magenta (0%)

Yellow (17%)

Black (59%)



Cyan (78%)

Magenta (59%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 386957 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 386957 by changing the saturation by 10% instead.





386957



386957

FFFFFF



1F5140



6A9D89



03392A



84B8A3



002415



9FD3BE



000400



BAF0DA



000000



D6FFF6



F3FFFF



386957



386957



2E6953



42695B

■ 23694F

■ 4D695F

■ 19694B

■ 586963

■ 0E6948

■ 626966

■ 046944

■ 6D696A

■ 006942

■ 77696E

■ 826972

■ 8C6976

■ 97697A

# Harmonies

## Analogous

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



4E6647



386957



256A69

# Triad

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



386957



575E82



7F5646

# Complementary

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



386957



69384A

# 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.



835256



386957



6F5878

# Square

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



386957



3B6482



7E5368



735C3D

# Rectangle

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



386957



216975



7E5368



82544B



# Sweetspot

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



386957



768A83



4B6938



394541



C4C4C4



454545



# Same Dimension

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



386957



3D8A6D



386369



303634



00754A



00F59B



# Inverse Universe

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



69384A



8A3D59



693E38



363032



75002B



F5005A



# Previews

## White Background



This preview shows how the Hex color 386957 looks on a white background.

## Color Contrast Check

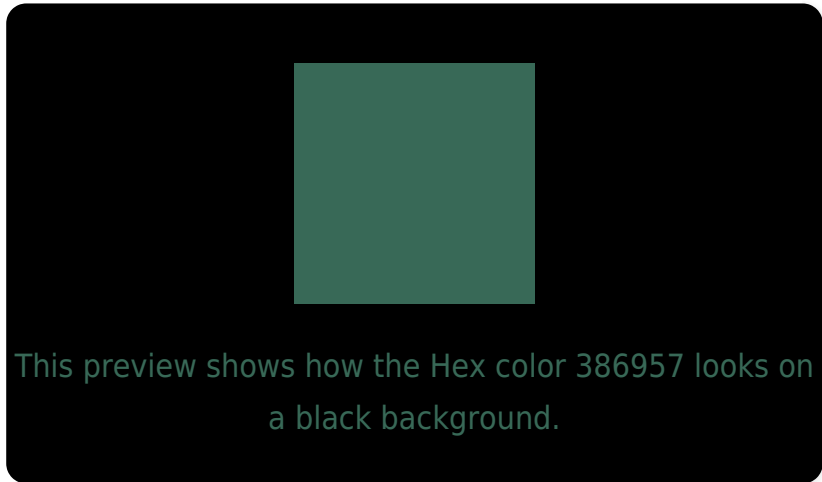
Large Text (above 18pt) WCAG AA ✓ Pass

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

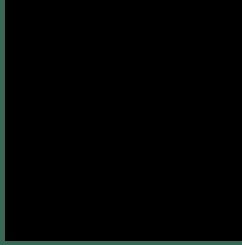
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 386957 Background



This preview shows how black text looks on a background with the Hex color 386957.



This preview shows how white text looks on a background with the Hex color 386957.

# 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**  
386957

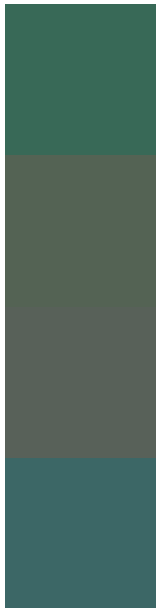
**Protanopia**  
645F52

**Deuteranopia**  
6B5C5A



**Tritanopia**  
3E666E

# Trichromacy



**Original Color**  
386957

**Protanomaly**  
546354

**Deuteranomaly**  
586159

**Tritanomaly**  
3C6766

# Monochromacy



**Original Color**  
386957

**Achromatopsia**  
585858

**Achromatomaly**  
4C5E58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 386957 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 #386957 looks like.

```
.text, #text, p{  
    color:#386957  
}
```

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 #386957 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #386957
}
```

## Border

The CSS property to change the border of an element to Hex 386957 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
#386957 }
```

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

```
.border{ border-color:#386957 }
```

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

Here you see how a box with a 4 pixel #386957 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #386957; -webkit-box-shadow:4px 4px  
4px 4px #386957; box-shadow:4px 4px 4px  
4px #386957 }
```

# Background

The CSS property to change the background color of an element to Hex 386957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#386957 }
```

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

```
.background{ background-color:#386957 }
```

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**