

# Converting Colors

Hex(386B51)

Have a look what the booklet for  
Hex(386B51) contains.

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# Color

**Hex(386B51)**

# Conversions

## Conversions Part 1

Format	Color
Hex	386B51
RGB	56, 107, 81
RGB Percent	22%, 42%, 32%
CMY	0.7804, 0.5804, 0.6824
CMYK	0.48, 0.00, 0.24, 0.58
HSL	149°, 31%, 32%
HSV	149°, 48%, 42%
XYZ	8.3738, 11.9502, 9.6499
YIQ	88.7870, -22.0500, -18.8980

# Conversions

## Conversions Part 2

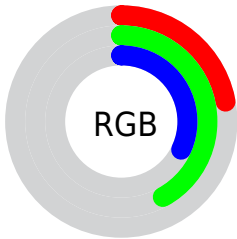
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 90, 107
Decimal	3697489
CIELab	41.14, -23.80, 9.34
CIELCh	41, 25.564, 158.565
Yxy	11.9502, 0.2794, 0.3987
Android (android.graphics.Color)	4281887569 (0xFF386B51)
YUV	88.7870, -3.8390, -28.7542
Hunter-Lab	34.5691, -17.2573, 7.6477

# Details

The Hex color **386B51** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6B3852**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **6A9F82**, and **033B24** is the 20% darker color. If you saturate the color by 10%, you get **2D6B4C**, and if you desaturate by 10%, it is **436B56**.

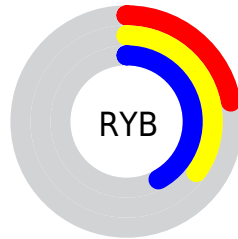
# Distribution



Red (22%)

Green (42%)

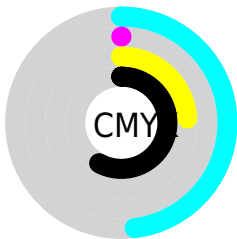
Blue (32%)



Red (22%)

Yellow (35%)

Blue (42%)

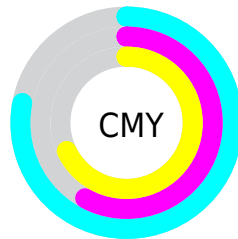


Cyan (48%)

Magenta (0%)

Yellow (24%)

Black (58%)



Cyan (78%)

Magenta (58%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 386B51 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 386B51 by changing the saturation by 10% instead.



 386B51

 386B51

FFFFFF

 1F533A

 6A9F82

 033B24

 84BA9C

 002510

 9FD6B7

 000800

 BAF2D3

 000000

 D7FFE7

 F3FFFF

 386B51

 386B51

 2D6B4C

 436B56

■ 236B46

■ 4D6B5C

■ 186B41

■ 586B61

■ 0D6B3B

■ 636B67

■ 036B36

■ 6E6B6C

■ 006B34

■ 786B72

■ 836B77

■ 8E6B7D

■ 986B82

# Harmonies

## Analogous

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



52673F



386B51



196C67

# Triad

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



386B51



4C618A



875448

# Complementary

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



386B51



6B3852

# 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.



89515C



386B51



6B5982

# Square

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



386B51



276788



805371



7B5B3A

# Rectangle

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



386B51



026C74



805371



89524E



# Sweetspot

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



386B51



798C82



526B38



3B4741



C7C7C7



474747



# Same Dimension

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



386B51



3C8C63



386B6A



303633



00753A



00F578



# Inverse Universe

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



6B3852



8C3C65



6B3839



363033



75003C

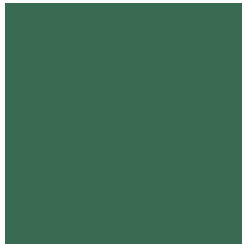


F5007D



# Previews

## White Background



This preview shows how the Hex color 386B51 looks on a white background.

## Color Contrast Check

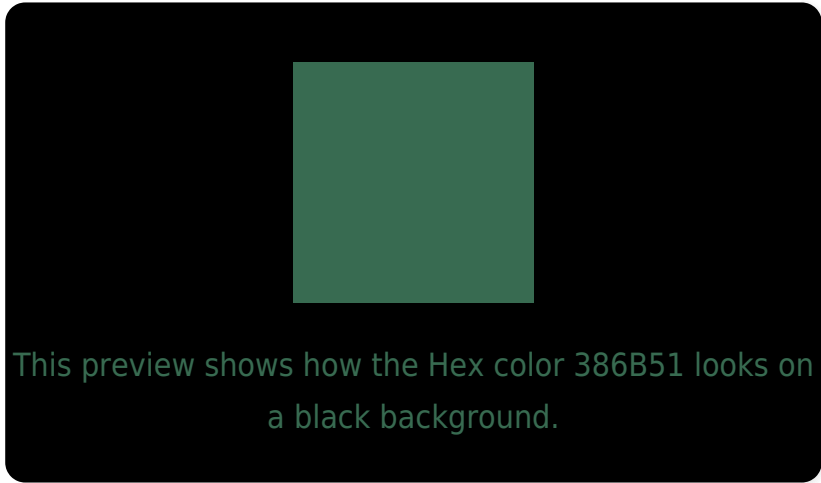
Large Text (above 18pt) WCAG AA ✓ Pass

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

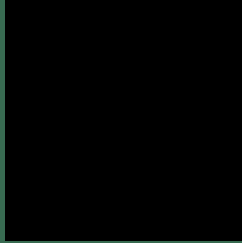
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 386B51 Background



This preview shows how black text looks on a background with the Hex color 386B51.



This preview shows how white text looks on a background with the Hex color 386B51.

# 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**  
386B51

**Protanopia**  
67604C

**Deuteranopia**  
6E5D54



**Tritanopia**  
40676F

# Trichromacy



**Original Color**  
386B51

**Protanomaly**  
56644E

**Deuteranomaly**  
5A6253

**Tritanomaly**  
3D6864

# Monochromacy



**Original Color**  
386B51

**Achromatopsia**  
595959

**Achromatomaly**  
4D6056

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 386B51 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 #386B51 looks like.

```
.text, #text, p{  
    color:#386B51  
}
```

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 #386B51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #386B51
}
```

## Border

The CSS property to change the border of an element to Hex 386B51 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
#386B51 }
```

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

```
.border{ border-color:#386B51 }
```

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

Here you see how a box with a 4 pixel #386B51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #386B51; -webkit-box-shadow:4px 4px  
4px 4px #386B51; box-shadow:4px 4px 4px  
4px #386B51 }
```

# Background

The CSS property to change the background color of an element to Hex 386B51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#386B51 }
```

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

```
.background{ background-color:#386B51 }
```

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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