

# Converting Colors

Hex(386236)

Have a look what the booklet for  
Hex(386236) contains.

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# Color

Hex(386236)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	386236
RGB	56, 98, 54
RGB Percent	22%, 38%, 21%
CMY	0.7804, 0.6157, 0.7882
CMYK	0.43, 0.00, 0.45, 0.62
HSL	117°, 29%, 30%
HSV	117°, 45%, 38%
XYZ	6.6644, 9.8425, 5.0386
YIQ	80.4260, -10.9080, -22.5880

# Conversions

## Conversions Part 2

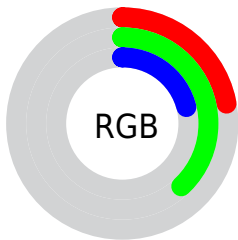
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 98, 96
Decimal	3695158
CIELab	37.56, -24.68, 20.54
CIELCh	38, 32.104, 140.228
Yxy	9.8425, 0.3093, 0.4568
Android (android.graphics.Color)	4281885238 (0xFF386236)
YUV	80.4260, -13.0280, -21.4216
Hunter-Lab	31.3727, -16.9839, 12.4387

# Details

The Hex color **386236** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **603662**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **699565**, and **06330A** is the 20% darker color. If you saturate the color by 10%, you get **2F622C**, and if you desaturate by 10%, it is **416240**.

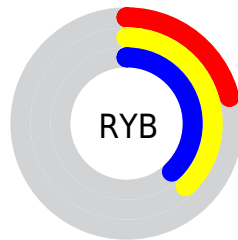
# Distribution



Red (22%)

Green (38%)

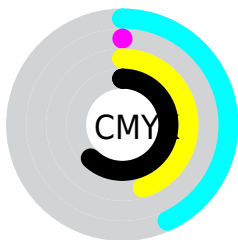
Blue (21%)



Red (21%)

Yellow (38%)

Blue (38%)

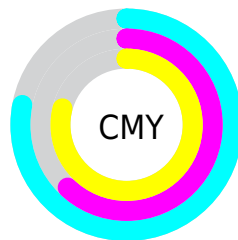


Cyan (43%)

Magenta (0%)

Yellow (45%)

Black (62%)



Cyan (78%)

Magenta (62%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 386236 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 386236 by changing the saturation by 10% instead.



 386236

 386236

FFFFFF

 204A20

 699565

 06330A

 83B07F

 001F00

 9ECB99

 000000

 B9E8B4

 D5FFCF

 F2FFEC

 386236

 386236

 2F622C

 416240

■ 256222

■ 4B624A

■ 1C6219

■ 546253

■ 13620F

■ 5D625D

■ 096205

■ 676267

■ 046200

■ 706271

■ 79627B

■ 836284

■ 8C628E

# Harmonies

## Analogous

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



565C26



386236



00654F

# Triad

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



386236



055E8B



894348

# Complementary

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



386236



603662

# 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.



844362



386236



4C5589

# Square

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



386236



006380



704B7A



814A31

# Rectangle

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



386236



006661



704B7A



894250



# Sweetspot

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



386236



70806F



626036



364036



BFBFBF



404040



# Same Dimension

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



386236



3E803B



36624A



2C302C



057000



0BF000



# Inverse Universe

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



603662



7C3B80



62364E



302C30



6B0070



E500F0



# Previews

## White Background



This preview shows how the Hex color 386236 looks on a white background.

## Color Contrast Check

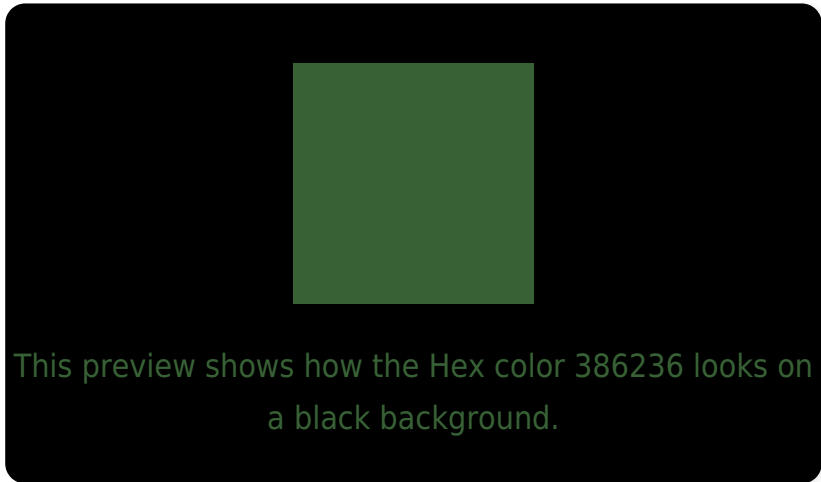
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

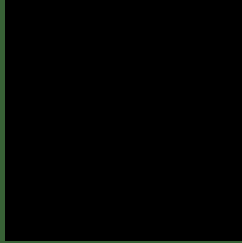
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 386236 Background



This preview shows how black text looks on a background with the Hex color 386236.



This preview shows how white text looks on a background with the Hex color 386236.

# 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**  
[386236](#)

**Protanopia**  
[615832](#)

**Deuteranopia**  
[6A5439](#)



**Tritanopia**  
415D64

# Trichromacy



**Original Color**  
386236

**Protanomaly**  
525C33

**Deuteranomaly**  
585938

**Tritanomaly**  
3E5F53

# Monochromacy



**Original Color**  
386236

**Achromatopsia**  
505050

**Achromatomaly**  
475747

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 386236 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 #386236 looks like.

```
.text, #text, p{  
    color:#386236  
}
```

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 #386236 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #386236
}
```

## Border

The CSS property to change the border of an element to Hex 386236 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".

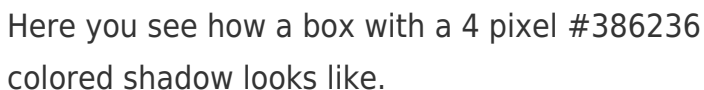
```
.border, #border, table{ border:4px solid
#386236 }
```

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

```
.border{ border-color:#386236 }
```

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

Here you see how a box with a 4 pixel #386236 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #386236; -webkit-box-shadow:4px 4px  
4px 4px #386236; box-shadow:4px 4px 4px  
4px #386236 }
```

# Background

The CSS property to change the background color of an element to Hex 386236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#386236 }
```

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

```
.background{ background-color:#386236 }
```

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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