

# Converting Colors

Hex(388445)

Have a look what the booklet for  
Hex(388445) contains.

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# Color

Hex(388445)

# Conversions

## Conversions Part 1

Format	Color
Hex	388445
RGB	56, 132, 69
RGB Percent	22%, 52%, 27%
CMY	0.7804, 0.4824, 0.7294
CMYK	0.58, 0.00, 0.48, 0.48
HSL	130°, 40%, 37%
HSV	130°, 58%, 52%
XYZ	10.9563, 17.7730, 8.4833
YIQ	102.0940, -25.0730, -35.7050

# Conversions

## Conversions Part 2

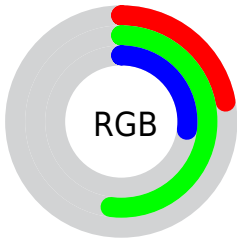
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 121, 132
Decimal	3703877
CIELab	49.22, -37.78, 27.03
CIElCh	49, 46.451, 144.421
Yxy	17.7730, 0.2944, 0.4776
Android (android.graphics.Color)	4281893957 (0xFF388445)
YUV	102.0940, -16.3153, -40.4244
Hunter-Lab	42.1580, -27.3866, 17.5799

# Details

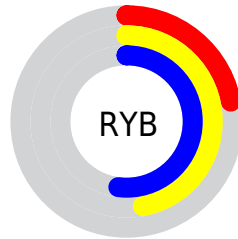
The Hex color **388445** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **843877**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **6EBA76**, and **005117** is the 20% darker color. If you saturate the color by 10%, you get **2B843A**, and if you desaturate by 10%, it is **458450**.

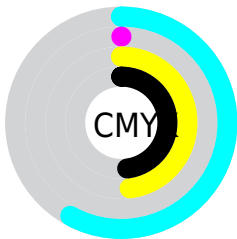
# Distribution



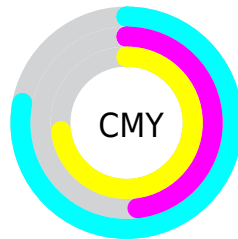
- Red (22%)
- Green (52%)
- Blue (27%)



- Red (22%)
- Yellow (47%)
- Blue (52%)



- Cyan (58%)
- Magenta (0%)
- Yellow (48%)
- Black (48%)



- Cyan (78%)
- Magenta (48%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 388445 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 388445 by changing the saturation by 10% instead.



 388445

 388445

FFFFFF

 1A6A2E

 6EBA76

 005117

 89D690

 003A00

 A5F2AB

 002500

 C1FFC7

 000000

 DDFFE3

 FBFFFF

 388445

 388445

 2B843A

 458450

 1E842F

 52845B

 108424

 608466

 038419

 6D8471

 008417

 7A847C

 878487

 948492

 A2849D

 AF84A7

# Harmonies

## Analogous

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



6B7C28



388445



00886C

# Triad

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



388445



007CC3



BC5457

# Complementary

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



388445



843877

# 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.



B9527E



388445



6A6EBD

# Square

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



388445



0084B4



9E5DA3



AD6135

# Rectangle

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



388445



008887



9E5DA3



BD5264



# Sweetspot

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



388445



8EAB93



778438



455748



D6D6D6



575757



# Same Dimension

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



388445



35AB49



38846B



3C423D



008216



000300



# Inverse Universe

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



843877



AB3597



843851



423C41



82006C



030002



# Previews

## White Background



This preview shows how the Hex color 388445 looks on a white background.

## Color Contrast Check

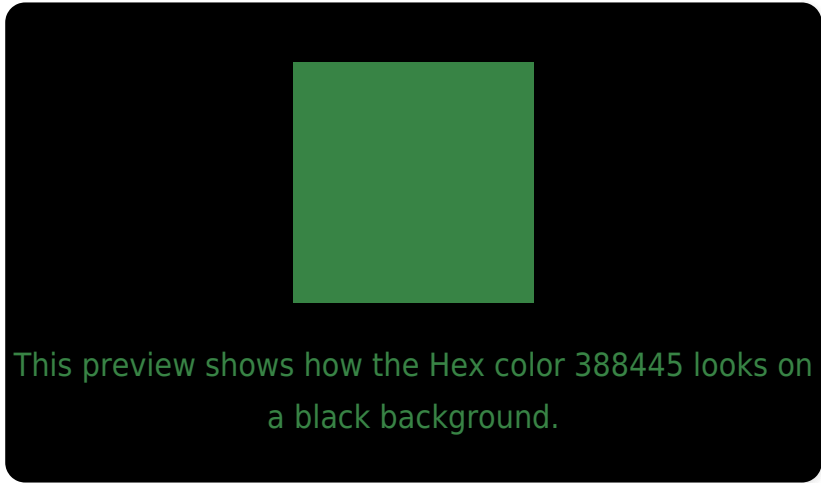
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 388445 Background



This preview shows how black text looks on a background with the Hex color 388445.



This preview shows how white text looks on a background with the Hex color 388445.

# 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**  
388445

**Protanopia**  
80743F

**Deuteranopia**  
8C6F4A



**Tritanopia**  
497D87

# Trichromacy



**Original Color**  
388445

**Protanomaly**  
667A41

**Deuteranomaly**  
6D7748

**Tritanomaly**  
43806F

# Monochromacy



**Original Color**  
388445

**Achromatopsia**  
666666

**Achromatomaly**  
55715A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 388445 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 #388445 looks like.

```
.text, #text, p{  
    color:#388445  
}
```

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 #388445 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #388445
}
```

## Border

The CSS property to change the border of an element to Hex 388445 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
#388445 }
```

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

```
.border{ border-color:#388445 }
```

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

Here you see how a box with a 4 pixel #388445 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #388445; -webkit-box-shadow:4px 4px  
4px 4px #388445; box-shadow:4px 4px 4px  
4px #388445 }
```

# Background

The CSS property to change the background color of an element to Hex 388445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#388445 }
```

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

```
.background{ background-color:#388445 }
```

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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