

Converting Colors

Hex(409875)

Have a look what the booklet for
Hex(409875) contains.

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Color

Hex(409875)

Conversions

Conversions Part 1

Format	Color
Hex	409875
RGB	64, 152, 117
RGB Percent	25%, 60%, 46%
CMY	0.7490, 0.4039, 0.5412
CMYK	0.58, 0.00, 0.23, 0.40
HSL	156°, 41%, 42%
HSV	156°, 58%, 60%
XYZ	16.5535, 24.8308, 20.7500
YIQ	121.6980, -41.2130, -29.5410

Conversions

Conversions Part 2

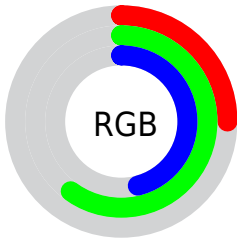
Format	Color
R_{YB}	64, 119, 152
Decimal	4233333
CIE _{Lab}	56.91, -35.04, 10.61
CIE _{LCh}	57, 36.616, 163.149
Yxy	24.8308, 0.2664, 0.3996
Android (android.graphics.Color)	4282423413 (0xFF409875)
YUV	121.6980, -2.3161, -50.6011
Hunter-Lab	49.8305, -27.9065, 10.1924

Details

The Hex color **409875** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **984063**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **77CFA9**, and **006445** is the 20% darker color. If you saturate the color by 10%, you get **31986F**, and if you desaturate by 10%, it is **4F987B**.

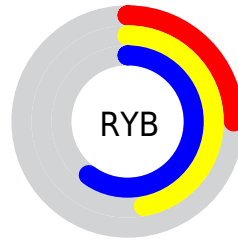
Distribution



Red (25%)

Green (60%)

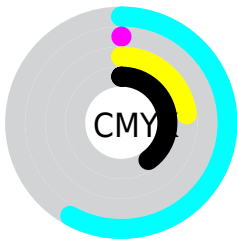
Blue (46%)



Red (25%)

Yellow (47%)

Blue (60%)

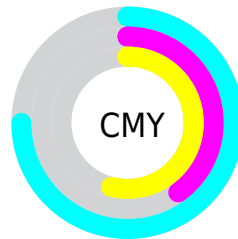


Cyan (58%)

Magenta (0%)

Yellow (23%)

Black (40%)



Cyan (75%)

Magenta (40%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 409875 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 409875 by changing the saturation by 10% instead.

 409875

 409875

FFFFFF

 227E5C

 77CFA9

 006445

 93EBC4

 004C2E

 AFFFE0

 003419

 CCFFFD


 002000

 E9FFFF

 000000

 409875

 409875

 31986F

 4F987B

 229869

 5E9881

■ 129863

■ 6E9887

■ 03985D

■ 7D988D

■ 00985C

■ 8C9893

■ 9B9899

■ AA989F

■ BA98A5

■ C998AB

Harmonies

Analogous

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



6C9359



409875



009996

Triad

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



409875



6F87C7



C0755E

Complementary

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



409875



984063

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.



C66F7C



409875



9E7BB7

Square

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



409875



2D91C5



BB719C



AC804B

Rectangle

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



409875



0098AA



BB719C



C47367

Sweetspot

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



409875



A3C4B7



639840



50635C



E3E3E3



636363

Same Dimension

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



409875



3DC48E



408F98



454D49



008C54



000D08

Inverse Universe

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



984063



C43D73



984940



4D4548



8C0038



0D0005

Previews

White Background



This preview shows how the Hex color 409875 looks on a white background.

Color Contrast Check

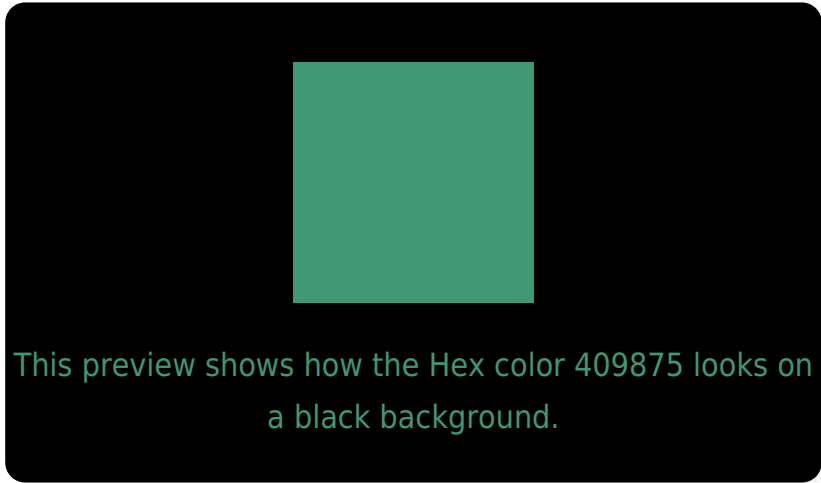
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 409875 Background



This preview shows how black text looks on a background with the Hex color 409875.

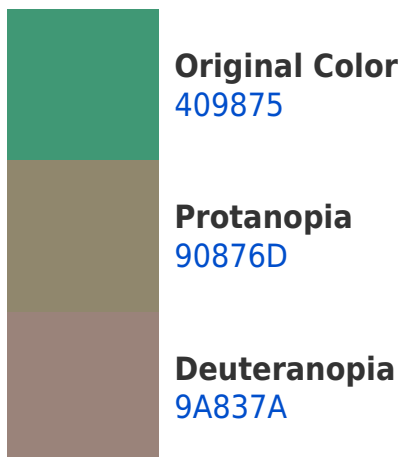


This preview shows how white text looks on a background with the Hex color 409875.

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





Tritanopia
4D929E

Trichromacy



Original Color
409875



Protanomaly
738D70



Deuteranomaly
798B78



Tritanomaly
48948F

Monochromacy



Original Color
409875



Achromatopsia
7A7A7A



Achromatomaly
658578

CSS Examples

Text

The CSS property to change the color of the text to Hex 409875 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 #409875 looks like.

```
.text, #text, p{  
    color:#409875  
}
```

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 #409875 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #409875
}
```

Border

The CSS property to change the border of an element to Hex 409875 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
#409875 }
```

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

```
.border{ border-color:#409875 }
```

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

Here you see how a box with a 4 pixel #409875 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #409875; -webkit-box-shadow:4px 4px  
4px 4px #409875; box-shadow:4px 4px 4px  
4px #409875 }
```

Background

The CSS property to change the background color of an element to Hex 409875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#409875 }
```

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

```
.background{ background-color:#409875 }
```

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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