

Converting Colors

Hex(409B41)

Have a look what the booklet for
Hex(409B41) contains.

Hex(409B41)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(409B41)

Conversions

Conversions Part 1

Format	Color
Hex	409B41
RGB	64, 155, 65
RGB Percent	25%, 61%, 25%
CMY	0.7490, 0.3922, 0.7451
CMYK	0.59, 0.00, 0.58, 0.39
HSL	121°, 42%, 43%
HSV	121°, 59%, 61%
XYZ	14.7898, 24.9143, 9.0305
YIQ	117.5310, -25.3460, -47.2820

Conversions

Conversions Part 2

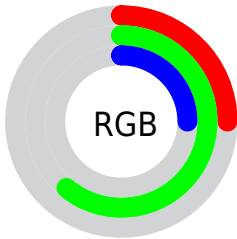
Format	Color
RYB	64, 154, 155
Decimal	4234049
CIELab	56.99, -45.69, 38.63
CIELCh	57, 59.828, 139.785
Yxy	24.9143, 0.3035, 0.5112
Android (android.graphics.Color)	4282424129 (0xFF409B41)
YUV	117.5310, -25.8978, -46.9467
Hunter-Lab	49.9143, -34.4596, 24.2133

Details

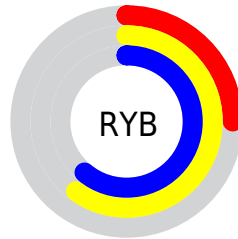
The Hex color **409B41** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9B409A**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **78D274**, and **00670E** is the 20% darker color. If you saturate the color by 10%, you get **319B32**, and if you desaturate by 10%, it is **509B50**.

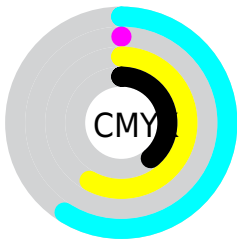
Distribution



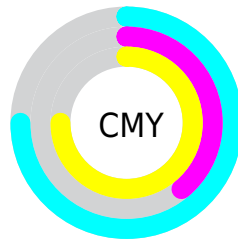
- Red (25%)
- Green (61%)
- Blue (25%)



- Red (25%)
- Yellow (60%)
- Blue (61%)



- Cyan (59%)
- Magenta (0%)
- Yellow (58%)
- Black (39%)



- Cyan (75%)
- Magenta (39%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 409B41 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 409B41 by changing the saturation by 10% instead.



409B41



409B41

FFFFFF



208028



78D274



00670E



95EF8E



004E00



B1FFA9



003600



CEFFC5



002000



EBFFE1



000000

FFFFFFE



409B41



409B41



319B32



509B50

 219B22

 5F9B60

 129B13

 6E9B6F

 029B04

 7E9B7E

 009B02

 8E9B8E

 9D9B9D

 AD9BAC

 BC9BBC

 CB9BCB

Harmonies

Analogous

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



829117



409B41



00A075

Triad

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



409B41



0094F0



E65869

Complementary

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



409B41



9B409A

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.



DE589D



409B41



6682EB

Square

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



409B41



009ED8



B66BCD



D56A3A

Rectangle

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



409B41



00A199



B66BCD



E7567A

Sweetspot

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



409B41



A5C9A6



9B9B40



506650



E6E6E6



666666

Same Dimension

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



409B41



3CC93E



409B6E



454D45



008C02



000D00

Inverse Universe

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



9B409A



C93CC8



9B406E



4D454C



8C008B



0D000D

Previews

White Background



This preview shows how the Hex color 409B41 looks on a white background.

Color Contrast Check

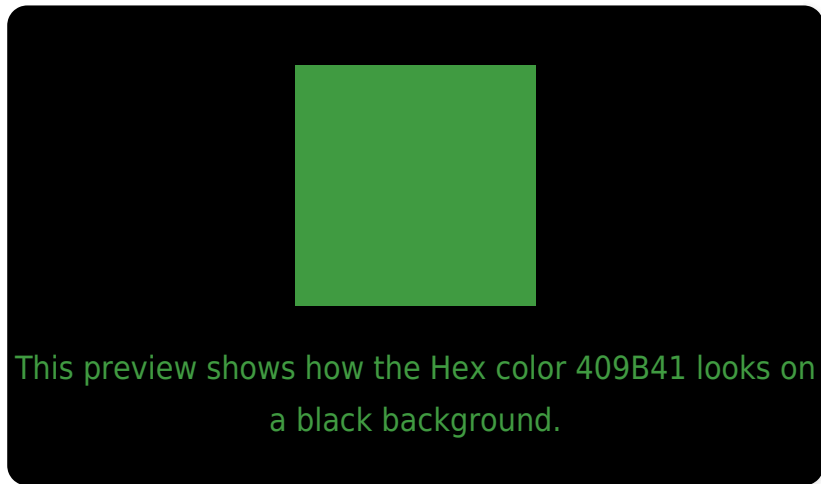
Large Text (above 18pt) WCAG AA ✓ Pass

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 409B41 Background



This preview shows how black text looks on a background with the Hex color 409B41.



This preview shows how white text looks on a background with the Hex color 409B41.

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
56919D

Trichromacy



Original Color
409B41



Protanomaly
778F3D



Deuteranomaly
828A45



Tritanomaly
4E957C

Monochromacy



Original Color
409B41



Achromatopsia
767676



Achromatomaly
628363

CSS Examples

Text

The CSS property to change the color of the text to Hex 409B41 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 #409B41 looks like.

```
.text, #text, p{  
    color:#409B41  
}
```

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 #409B41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #409B41
}
```

Border

The CSS property to change the border of an element to Hex 409B41 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
#409B41 }
```

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

```
.border{ border-color:#409B41 }
```

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

Here you see how a box with a 4 pixel #409B41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #409B41; -webkit-box-shadow:4px 4px  
4px 4px #409B41; box-shadow:4px 4px 4px  
4px #409B41 }
```

Background

The CSS property to change the background color of an element to Hex 409B41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#409B41 }
```

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

```
.background{ background-color:#409B41 }
```

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