

Converting Colors

Hex(409F40)

Have a look what the booklet for
Hex(409F40) contains.

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Color

Hex(409F40)

Conversions

Conversions Part 1

Format	Color
Hex	409F40
RGB	64, 159, 64
RGB Percent	25%, 62%, 25%
CMY	0.7490, 0.3765, 0.7490
CMYK	0.60, 0.00, 0.60, 0.38
HSL	120°, 43%, 44%
HSV	120°, 60%, 62%
XYZ	15.4379, 26.2564, 9.1048
YIQ	119.7650, -26.1250, -49.6850

Conversions

Conversions Part 2

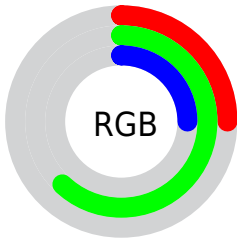
Format	Color
RYB	64, 159, 159
Decimal	4235072
CIELab	58.28, -47.37, 40.61
CIELCh	58, 62.391, 139.391
Yxy	26.2564, 0.3039, 0.5169
Android (android.graphics.Color)	4282425152 (0xFF409F40)
YUV	119.7650, -27.4921, -48.9059
Hunter-Lab	51.2410, -35.8933, 25.3337

Details

The Hex color **409F40** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9F409F**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **79D773**, and **006A0B** is the 20% darker color. If you saturate the color by 10%, you get **309F30**, and if you desaturate by 10%, it is **509F50**.

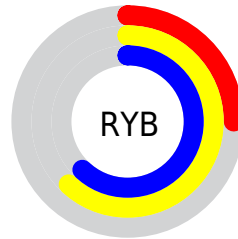
Distribution



Red (25%)

Green (62%)

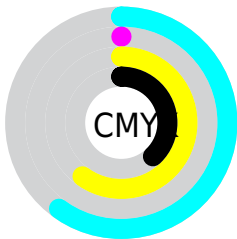
Blue (25%)



Red (25%)

Yellow (62%)

Blue (62%)

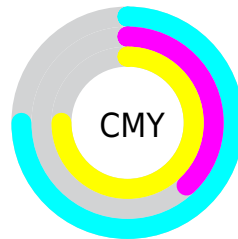


Cyan (60%)

Magenta (0%)

Yellow (60%)

Black (38%)



Cyan (75%)

Magenta (38%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 409F40 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 409F40 by changing the saturation by 10% instead.



409F40



409F40

FFFFFF



1F8427



79D773



006A0B



95F38D



005100



B2FFA8



003900



CFFFC4



002300



ECFFE0



000000

FFFFFFD



409F40



409F40



309F30



509F50

 209F20

 609F60

 109F10

 709F70

 009F00

 809F80

 909F90

 9F9F9F

 AF9FAF

 BF9FBF

 CF9FCF

Harmonies

Analogous

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



859411



409F40



00A476

Triad

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



409F40



0098F8



EE586B

Complementary

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



409F40



9F409F

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.



E559A2



409F40



6586F4

Square

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



409F40



00A2DE



BB6DD4



DC6C3A

Rectangle

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



409F40



00A69C



BB6DD4



EE567D

Sweetspot

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



409F40



A9CFA9



9F9F40



526952



E8E8E8



696969

Same Dimension

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



409F40



3ACF3A



409F70



474F47



008F00



000F00

Inverse Universe

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



9F409F



CF3ACF



9F4070



4F474F



8F008F



0F000F

Previews

White Background



This preview shows how the Hex color 409F40 looks on a white background.

Color Contrast Check

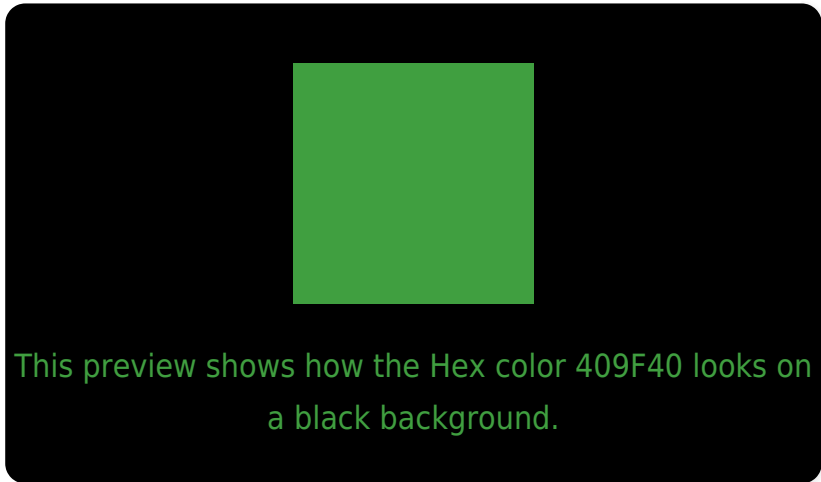
Large Text (above 18pt) WCAG AA ✓ Pass

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 409F40 Background



This preview shows how black text looks on a background with the Hex color 409F40.

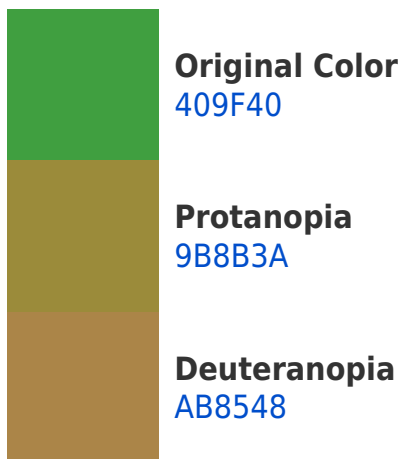


This preview shows how white text looks on a background with the Hex color 409F40.

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](#).

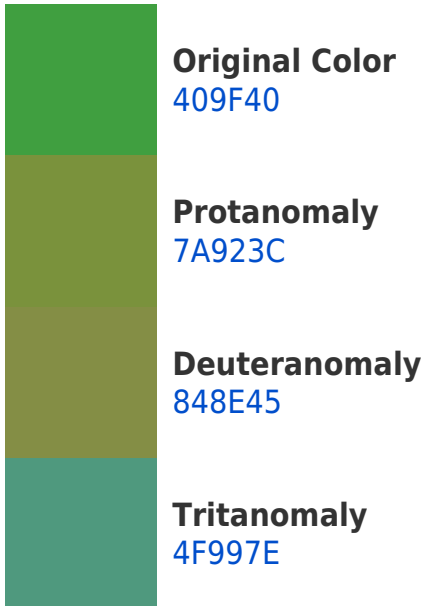
Dichromacy



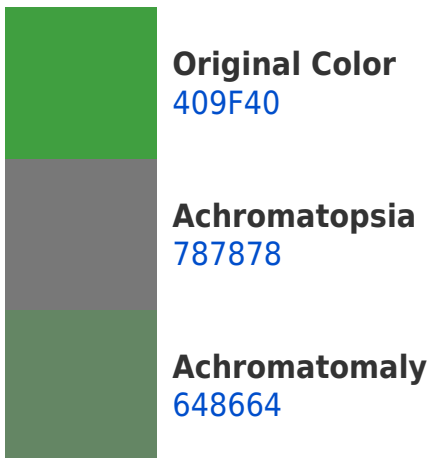


Tritanopia
5795A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 409F40 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 #409F40 looks like.

```
.text, #text, p{  
    color:#409F40  
}
```

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 #409F40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #409F40
}
```

Border

The CSS property to change the border of an element to Hex 409F40 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
#409F40 }
```

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

```
.border{ border-color:#409F40 }
```

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

Here you see how a box with a 4 pixel #409F40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #409F40; -webkit-box-shadow:4px 4px  
4px 4px #409F40; box-shadow:4px 4px 4px  
4px #409F40 }
```

Background

The CSS property to change the background color of an element to Hex 409F40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#409F40 }
```

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

```
.background{ background-color:#409F40 }
```

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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