

Converting Colors

Hex(409018)

Have a look what the booklet for
Hex(409018) contains.

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Color

Hex(409018)

Conversions

Conversions Part 1

Format	Color
Hex	409018
RGB	64, 144, 24
RGB Percent	25%, 56%, 9%
CMY	0.7490, 0.4353, 0.9059
CMYK	0.56, 0.00, 0.83, 0.44
HSL	100°, 71%, 33%
HSV	100°, 83%, 56%
XYZ	12.2525, 21.1025, 4.2916
YIQ	106.4000, -9.1600, -54.2800

Conversions

Conversions Part 2

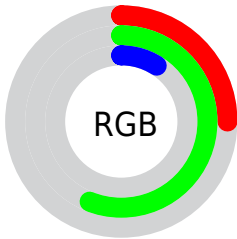
Format	Color
R_{YB}	24, 144, 104
Decimal	4231192
CIE _{Lab}	53.06, -45.10, 51.01
CIE _{LCh}	53, 68.086, 131.482
Yxy	21.1025, 0.3255, 0.5605
Android (android.graphics.Color)	4282421272 (0xFF409018)
YUV	106.4000, -40.6232, -37.1848
Hunter-Lab	45.9374, -32.7807, 26.6172

Details

The Hex color **409018** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **681890**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **78C750**, and **005C00** is the 20% darker color. If you saturate the color by 10%, you get **36900A**, and if you desaturate by 10%, it is **4A9026**.

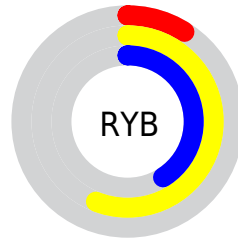
Distribution



Red (25%)

Green (56%)

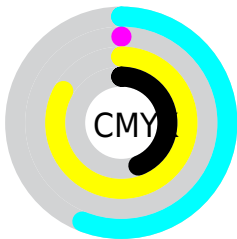
Blue (9%)



Red (9%)

Yellow (56%)

Blue (41%)

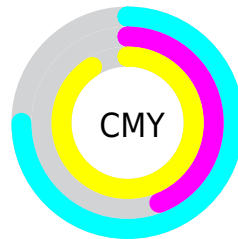


Cyan (56%)

Magenta (0%)

Yellow (83%)

Black (44%)



Cyan (75%)

Magenta (44%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 409018 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 409018 by changing the saturation by 10% instead.

 409018

 409018

FFFFFF

 207600

 78C750

 005C00

 95E36A

 004400

 B1FF85

 002E00

 CEFFA0

 001300

 EBFFBC

 000000

 FFFFD8

 FFFFF5

 409018

 409018

■ 36900A

■ 4A9026

■ 309000

■ 539035

■ 5D9043

■ 669052

■ 709060

■ 7A906E

■ 83907D

■ 8D908B

■ 96909A

Harmonies

Analogous

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



848300



409018



009757

Triad

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



409018



008FEE



E63D6B

Complementary

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



409018



681890

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.



D446A5



409018



007EF3

Square

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



409018



0097CB



9C64D7



D95333

Rectangle

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



409018



009980



9C64D7



E33C7E

Sweetspot

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



409018



9BBA8C



906818



4B5E42



DEDEDE



5E5E5E

Same Dimension

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



409018



3EBA00



18902C



434740



2D8700



030800

Inverse Universe

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



681890



7C00BA



90187C



454047



5A0087



050008

Previews

White Background



This preview shows how the Hex color 409018 looks on a white background.

Color Contrast Check

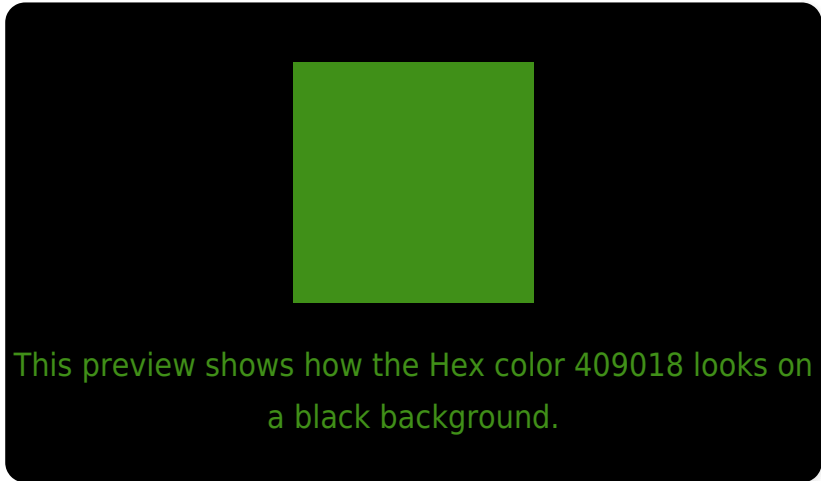
Large Text (above 18pt) WCAG AA ✓ Pass

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

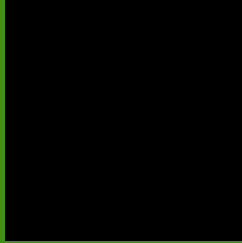
Any Text WCAG AA ✓ Pass

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 409018 Background



This preview shows how black text looks on a background with the Hex color 409018.



This preview shows how white text looks on a background with the Hex color 409018.

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
558691

Trichromacy



Original Color
409018

Protanomaly
728515

Deuteranomaly
7C8120

Tritanomaly
4D8A65

Monochromacy



Original Color
409018

Achromatopsia
6A6A6A

Achromatomaly
5B784C

CSS Examples

Text

The CSS property to change the color of the text to Hex 409018 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 #409018 looks like.

```
.text, #text, p{  
    color:#409018  
}
```

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 #409018 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #409018
}
```

Border

The CSS property to change the border of an element to Hex 409018 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
#409018 }
```

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

```
.border{ border-color:#409018 }
```

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

Here you see how a box with a 4 pixel #409018 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #409018; -webkit-box-shadow:4px 4px  
4px 4px #409018; box-shadow:4px 4px 4px  
4px #409018 }
```

Background

The CSS property to change the background color of an element to Hex 409018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#409018 }
```

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

```
.background{ background-color:#409018 }
```

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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