

Converting Colors

Hex(009106)

Have a look what the booklet for
Hex(009106) contains.

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Color

Hex(009106)

Conversions

Conversions Part 1

Format	Color
Hex	009106
RGB	0, 145, 6
RGB Percent	0%, 57%, 2%
CMY	1.0000, 0.4314, 0.9765
CMYK	1.00, 0.00, 0.96, 0.43
HSL	122°, 100%, 28%
HSV	122°, 100%, 57%
XYZ	10.1583, 20.2639, 3.5482
YIQ	85.7990, -41.8010, -73.9690

Conversions

Conversions Part 2

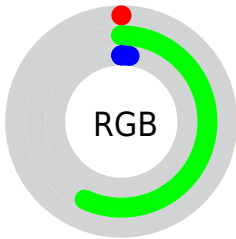
Format	Color
RYB	0, 139, 145
Decimal	37126
CIELab	52.13, -56.40, 53.59
CIELCh	52, 77.801, 136.464
Yxy	20.2639, 0.2990, 0.5965
Android (android.graphics.Color)	4278227206 (0xFF009106)
YUV	85.7990, -39.3409, -75.2457
Hunter-Lab	45.0155, -38.4965, 26.8375

Details

The Hex color **009106** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **91008B**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **57C846**, and **005D00** is the 20% darker color. If you saturate the color by 10%, you get **009106**, and if you desaturate by 10%, it is **0E9114**.

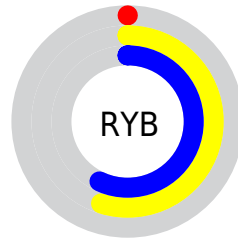
Distribution



Red (0%)

Green (57%)

Blue (2%)



Red (0%)

Yellow (55%)

Blue (57%)

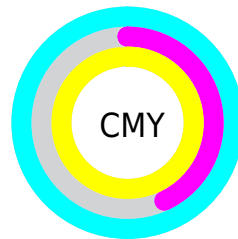


Cyan (100%)

Magenta (0%)

Yellow (96%)

Black (43%)



Cyan (100%)

Magenta (43%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009106 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 009106 by changing the saturation by 10% instead.

 009106

 009106

FFFFFF

 007600

 57C846

 005D00

 75E561

 004400

 93FF7C

 002D00

 B0FF97

 000E00

 CEFFB3

 000000

 ECFFCF

 FFFFEC

 009106

 0E9114

 1D9122

 2C9130

 3A913E

 49914C

 579159

 669167

 749175

 839183

Harmonies

Analogous

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



758500



009106



00975B

Triad

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



009106



008DFF



EF235B

Complementary

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



009106



91008B

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.



E22A9D



009106



0078FE

Square

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



009106



0097DD



AB56D9



DB4C18

Rectangle

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



009106



00998A



AB56D9



EF1B71

Sweetspot

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



009106



84BD86



8C9100



3C5E3E



DEDEDE



5E5E5E

Same Dimension

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



009106



00BD08



00914D



404741



008706



000800

Inverse Universe

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



91008B



BD00B5



910044



474047



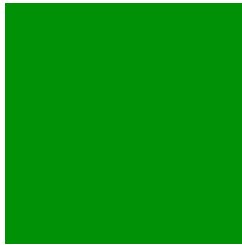
870082



080007

Previews

White Background



This preview shows how the Hex color 009106 looks on a white background.

Color Contrast Check

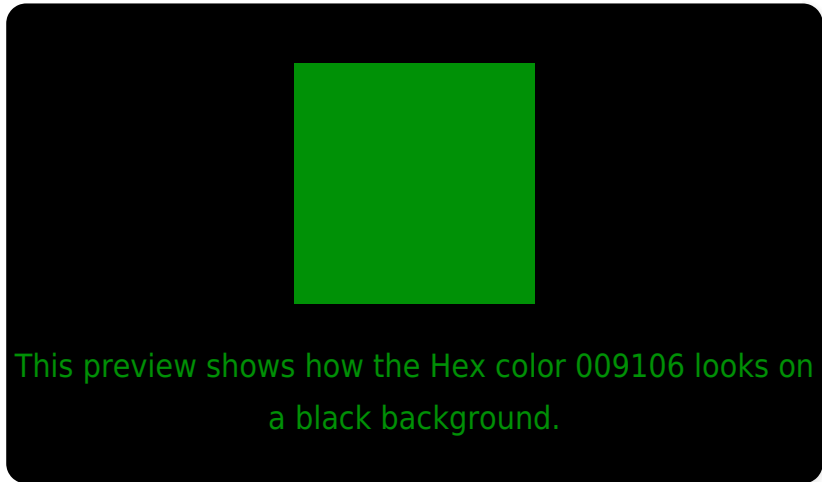
Large Text (above 18pt) WCAG AA ✓ Pass

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 009106 Background



This preview shows how black text looks on a background with the Hex color 009106.



This preview shows how white text looks on a background with the Hex color 009106.

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
009106

Protanopia
8C7C00

Deuteranopia
9C7520



Tritanopia
3D8792

Trichromacy



Original Color
009106



Protanomaly
598402



Deuteranomaly
637F17



Tritanomaly
278B5F

Monochromacy



Original Color
009106



Achromatopsia
565656



Achromatomaly
376B39

CSS Examples

Text

The CSS property to change the color of the text to Hex 009106 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 #009106 looks like.

```
.text, #text, p{  
    color:#009106  
}
```

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 #009106 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009106
}
```

Border

The CSS property to change the border of an element to Hex 009106 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
#009106 }
```

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

```
.border{ border-color:#009106 }
```

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

Here you see how a box with a 4 pixel #009106 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009106; -webkit-box-shadow:4px 4px  
4px 4px #009106; box-shadow:4px 4px 4px  
4px #009106 }
```

Background

The CSS property to change the background color of an element to Hex 009106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009106 }
```

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

```
.background{ background-color:#009106 }
```

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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