

Converting Colors

Hex(009128)

Have a look what the booklet for
Hex(009128) contains.

Hex(009128)	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(009128)

Conversions

Conversions Part 1

Format	Color
Hex	009128
RGB	0, 145, 40
RGB Percent	0%, 57%, 16%
CMY	1.0000, 0.4314, 0.8431
CMYK	1.00, 0.00, 0.72, 0.43
HSL	137°, 100%, 28%
HSV	137°, 100%, 57%
XYZ	10.5084, 20.4040, 5.3920
YIQ	89.6750, -52.7150, -63.3950

Conversions

Conversions Part 2

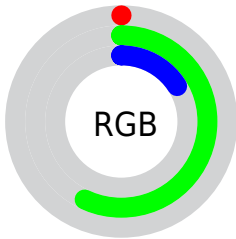
Format	Color
RYB	0, 114, 145
Decimal	37160
CIELab	52.29, -54.38, 44.30
CIELCh	52, 70.140, 140.834
Yxy	20.4040, 0.2895, 0.5620
Android (android.graphics.Color)	4278227240 (0xFF009128)
YUV	89.6750, -24.4898, -78.6450
Hunter-Lab	45.1708, -37.5231, 24.5422

Details

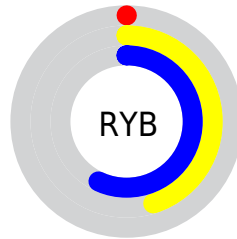
The Hex color **009128** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **910069**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **56C85B**, and **005D00** is the 20% darker color. If you saturate the color by 10%, you get **009128**, and if you desaturate by 10%, it is **0E9133**.

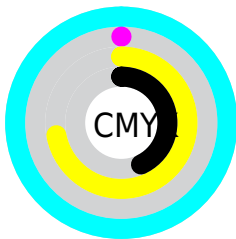
Distribution



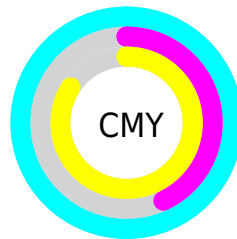
- Red (0%)
- Green (57%)
- Blue (16%)



- Red (0%)
- Yellow (45%)
- Blue (57%)



- Cyan (100%)
- Magenta (0%)
- Yellow (72%)
- Black (43%)




- Cyan (100%)
- Magenta (43%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009128 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 009128 by changing the saturation by 10% instead.

 009128

 009128

FFFFFF

 00760A

 56C85B

 005D00

 73E575

 004400

 91FF90

 002E00

 AEFFAB

 000F00

 CBFFC7

 000000

 E9FFE4

 009128

 0E9133

 1D913D

 2C9148

 3A9152

 49915D

 579167

 669172

 74917C

 839187

Harmonies

Analogous

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



6F8600



009128



009668

Triad

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



009128



008AF4



E53B56

Complementary

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



009128



910069

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.



DD3992



009128



4B75EE

Square

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



009128



0094DA



B257CA



CF581C

Rectangle

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



009128



009792



B257CA



E6356A

Sweetspot

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



009128



84BD94



6A9100



3C5E46



DEDEDE



5E5E5E

Same Dimension

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



009128



00BD34



00916F



404742



008725



000802

Inverse Universe

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



910069



BD0089



910022



474045



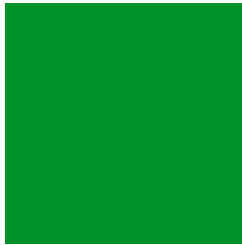
870062



080006

Previews

White Background



This preview shows how the Hex color 009128 looks on a white background.

Color Contrast Check

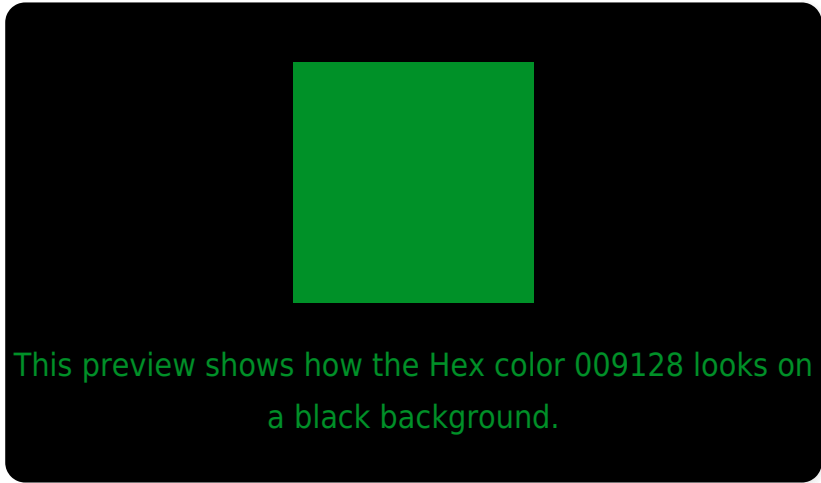
Large Text (above 18pt) WCAG AA ✓ Pass

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 009128 Background



This preview shows how black text looks on a background with the Hex color 009128.



This preview shows how white text looks on a background with the Hex color 009128.

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
009128

Protanopia
8B7C23

Deuteranopia
9A7632



Tritanopia
3B8792

Trichromacy



Original Color

009128



Protanomaly

588425



Deuteranomaly

62802E



Tritanomaly

268B6B

Monochromacy



Original Color

009128



Achromatopsia

5A5A5A



Achromatomaly

396E48

CSS Examples

Text

The CSS property to change the color of the text to Hex 009128 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 #009128 looks like.

```
.text, #text, p{  
    color:#009128  
}
```

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 #009128 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009128
}
```

Border

The CSS property to change the border of an element to Hex 009128 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
#009128 }
```

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

```
.border{ border-color:#009128 }
```

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

Here you see how a box with a 4 pixel #009128 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009128; -webkit-box-shadow:4px 4px  
4px 4px #009128; box-shadow:4px 4px 4px  
4px #009128 }
```

Background

The CSS property to change the background color of an element to Hex 009128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009128 }
```

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

```
.background{ background-color:#009128 }
```

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