

# Converting Colors

Hex(009125)

Have a look what the booklet for  
Hex(009125) contains.

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**Color**

**Hex(009125)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	009125
RGB	0, 145, 37
RGB Percent	0%, 57%, 15%
CMY	1.0000, 0.4314, 0.8549
CMYK	1.00, 0.00, 0.74, 0.43
HSL	135°, 100%, 28%
HSV	135°, 100%, 57%
XYZ	10.4593, 20.3844, 5.1336
YIQ	89.3330, -51.7520, -64.3280

# Conversions

## Conversions Part 2

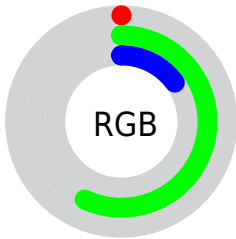
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 116, 145
Decimal	37157
CIELab	52.27, -54.66, 45.45
CIELCh	52, 71.090, 140.255
Yxy	20.3844, 0.2907, 0.5666
Android (android.graphics.Color)	4278227237 (0xFF009125)
YUV	89.3330, -25.8002, -78.3450
Hunter-Lab	45.1491, -37.6591, 24.8629

# Details

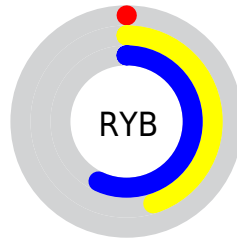
The Hex color **009125** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **91006C**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **56C859**, and **005D00** is the 20% darker color. If you saturate the color by 10%, you get **009125**, and if you desaturate by 10%, it is **0E9130**.

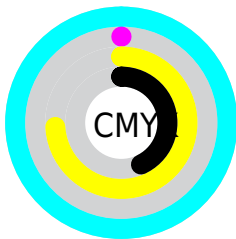
# Distribution



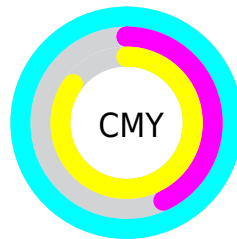
- Red (0%)
- Green (57%)
- Blue (15%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (74%)
- Black (43%)



- Cyan (100%)
- Magenta (43%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 009125 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 009125 by changing the saturation by 10% instead.



 009125

 009125

FFFFFF

 007604

 56C859

 005D00

 74E573

 004400

 91FF8E

 002E00

 AEFFA9

 000F00

 CCFFC5

 000000

 E9FFE1

FFFFFFE

 009125

 0E9130

 1D913B

 2C9145

 3A9150

 49915B

 579166

 669171

 74917B

 839186

# Harmonies

## Analogous

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



708600



009125



009666

# Triad

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



009125



008AF6



E63957

# Complementary

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



009125



91006C

# 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.



DE3793



009125



4575F0

# Square

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



009125



0094DA



B156CC



D1571B

# Rectangle

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



009125



009891



B156CC



E7336B



# Sweetspot

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



009125



84BD93



6D9100



3C5E45



DEDEDE



5E5E5E



# Same Dimension

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



009125



00BD30



00916D



404742



008722



000802



# Inverse Universe

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



91006C



BD008D



910024



474046



870065

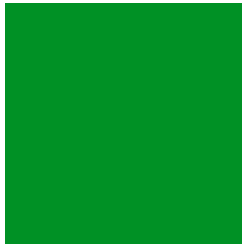


080006



# Previews

## White Background



This preview shows how the Hex color 009125 looks on a white background.

## Color Contrast Check

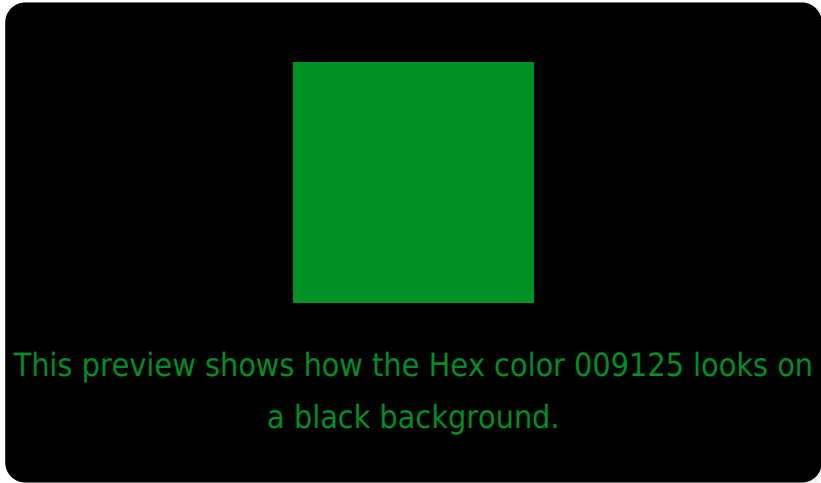
Large Text (above 18pt) WCAG AA ✓ Pass

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 009125 Background



This preview shows how black text looks on a background with the Hex color 009125.



This preview shows how white text looks on a background with the Hex color 009125.

# 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**  
3C8792

# Trichromacy



**Original Color**

009125



**Protanomaly**

588422



**Deuteranomaly**

63802C



**Tritanomaly**

268B6A

# Monochromacy



**Original Color**

009125



**Achromatopsia**

595959



**Achromatomaly**

396D46

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 009125 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 #009125 looks like.

```
.text, #text, p{  
    color:#009125  
}
```

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 #009125 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009125
}
```

## Border

The CSS property to change the border of an element to Hex 009125 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
#009125 }
```

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

```
.border{ border-color:#009125 }
```

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

Here you see how a box with a 4 pixel #009125 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009125; -webkit-box-shadow:4px 4px  
4px 4px #009125; box-shadow:4px 4px 4px  
4px #009125 }
```

# Background

The CSS property to change the background color of an element to Hex 009125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009125 }
```

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

```
.background{ background-color:#009125 }
```

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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