

Converting Colors

Hex(009532)

Have a look what the booklet for
Hex(009532) contains.

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Color

Hex(009532)

Conversions

Conversions Part 1

Format	Color
Hex	009532
RGB	0, 149, 50
RGB Percent	0%, 58%, 20%
CMY	1.0000, 0.4157, 0.8039
CMYK	1.00, 0.00, 0.66, 0.42
HSL	140°, 100%, 29%
HSV	140°, 100%, 58%
XYZ	11.3232, 21.7252, 6.6142
YIQ	93.1630, -57.0250, -62.3770

Conversions

Conversions Part 2

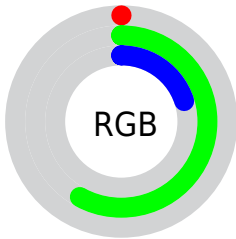
Format	Color
RYB	0, 112, 149
Decimal	38194
CIELab	53.73, -54.55, 41.61
CIELCh	54, 68.611, 142.665
Yxy	21.7252, 0.2855, 0.5478
Android (android.graphics.Color)	4278228274 (0xFF009532)
YUV	93.1630, -21.2794, -81.7040
Hunter-Lab	46.6103, -38.2045, 24.2137

Details

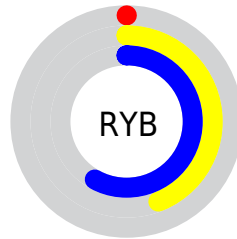
The Hex color **009532** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **950063**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **56CC65**, and **006000** is the 20% darker color. If you saturate the color by 10%, you get **009532**, and if you desaturate by 10%, it is **0F953C**.

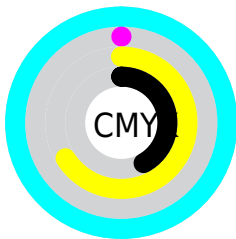
Distribution



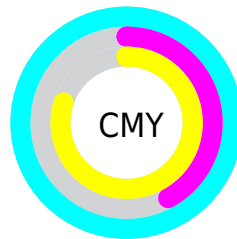
- Red (0%)
- Green (58%)
- Blue (20%)



- Red (0%)
- Yellow (44%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (66%)
- Black (42%)




- Cyan (100%)
- Magenta (42%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009532 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 009532 by changing the saturation by 10% instead.

 009532

 009532

FFFFFF

 007A18

 56CC65

 006000

 74E97F

 004700

 92FF99

 003100

 AFFFB5

 001500

 CCFFD1

 000000

 EAFFEE

 009532

 0F953C

 1E9546

 2D9550

 3C955A

 4B9563

 59956D

 689577

 779581

 86958B

Harmonies

Analogous

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



708B00



009532



009A6F

Triad

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



009532



008CF7



E74457

Complementary

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



009532



950063

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.



E14092



009532



5C77EF

Square

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



009532



0097DE



B85AC9



D05F1F

Rectangle

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



009532



009B99



B85AC9



E83E6A

Sweetspot

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



009532



88C29B



639500



3E614A



E0E0E0



616161

Same Dimension

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



009532



00C241



00957C



434A45



008A2E



000A03

Inverse Universe

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



950063



C20081



950019



4A4347



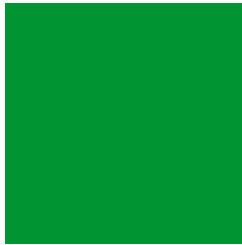
8A005B



0A0007

Previews

White Background



This preview shows how the Hex color 009532 looks on a white background.

Color Contrast Check

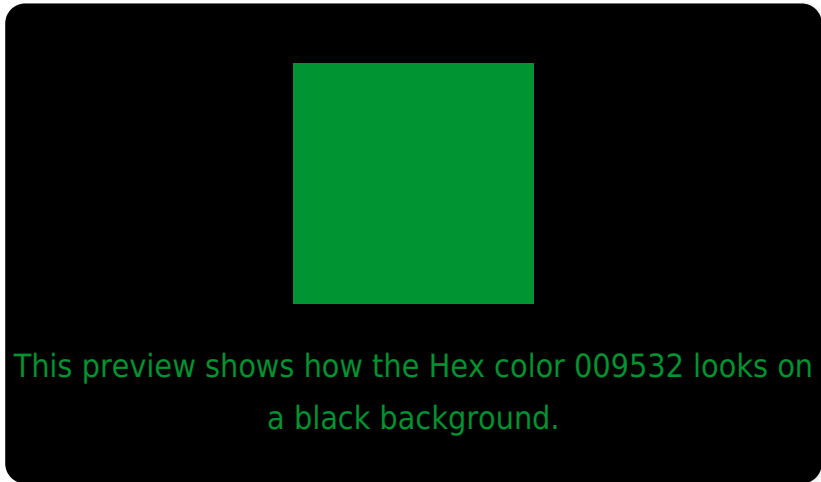
Large Text (above 18pt) WCAG AA ✓ Pass

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 009532 Background



This preview shows how black text looks on a background with the Hex color 009532.



This preview shows how white text looks on a background with the Hex color 009532.

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
3C8B97

Trichromacy



Original Color
009532



Protanomaly
5B882E



Deuteranomaly
658438



Tritanomaly
268F72

Monochromacy



Original Color
009532



Achromatopsia
5D5D5D



Achromatomaly
3B714D

CSS Examples

Text

The CSS property to change the color of the text to Hex 009532 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 #009532 looks like.

```
.text, #text, p{  
    color:#009532  
}
```

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 #009532 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009532
}
```

Border

The CSS property to change the border of an element to Hex 009532 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
#009532 }
```

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

```
.border{ border-color:#009532 }
```

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

Here you see how a box with a 4 pixel #009532 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009532; -webkit-box-shadow:4px 4px  
4px 4px #009532; box-shadow:4px 4px 4px  
4px #009532 }
```

Background

The CSS property to change the background color of an element to Hex 009532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009532 }
```

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

```
.background{ background-color:#009532 }
```

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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