

# Converting Colors

Decimal(949530)

Have a look what the booklet for  
Decimal(949530) contains.

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# Color

**Decimal(949530)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0E7D1A
RGB	14, 125, 26
RGB Percent	5%, 49%, 10%
CMY	0.9451, 0.5098, 0.8980
CMYK	0.89, 0.00, 0.79, 0.51
HSL	126°, 80%, 27%
HSV	126°, 89%, 49%
XYZ	7.7012, 14.8352, 3.4349
YIQ	80.5250, -34.3770, -54.3210

# Conversions

## Conversions Part 2

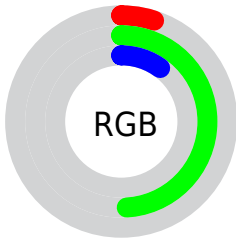
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	14, 114, 125
Decimal	949530
CIE Lab	45.41, -48.33, 42.68
CIE LCh	45, 64.477, 138.551
Yxy	14.8352, 0.2965, 0.5712
Android (android.graphics.Color)	4279139610 (0xFF0E7D1A)
YUV	80.5250, -26.8808, -58.3424
Hunter-Lab	38.5165, -31.7136, 21.6741

# Details

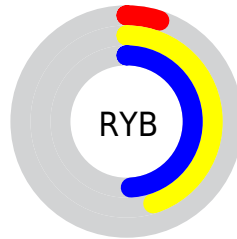
The Decimal color **949530** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **8195697**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **5550926**, and **18944** is the 20% darker color. If you saturate the color by 10%, you get **163087**, and if you desaturate by 10%, it is **1801509**.

# Distribution



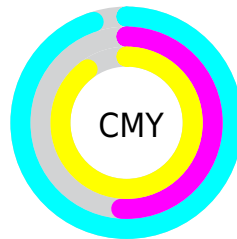
- Red (5%)
- Green (49%)
- Blue (10%)



- Red (5%)
- Yellow (45%)
- Blue (49%)



- Cyan (89%)
- Magenta (0%)
- Yellow (79%)
- Black (51%)



- Cyan (95%)
- Magenta (51%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 949530 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 Decimal color 949530 by changing the saturation by 10% instead.





949530



949530

16777215



25344



5550926



18944



7393127



13056



9235329



6912



11141020



0



13041592



14942164



16777201



949530



949530

■ 163087

■ 1801509

■ 32014

■ 2587952

■ 3439931

■ 4226375

■ 5078354

■ 5864797

■ 6716776

■ 7503219

■ 8289662

# Harmonies

## Analogous

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



6517504



949530



33364

# Triad

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



949530



30934



13184589

# Complementary

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



949530



8195697

# 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.



12595075



949530



3040979

# Square

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



949530



33212



9849780



12011545

# Rectangle

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



949530



33658



9849780



13183326



# Sweetspot

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



949530



7840636



7503118



3625530



13750737



5395026



# Same Dimension

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



949530



41746



949585



3751994



32782



0



# Inverse Universe

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



8195697



10682514



8195642



4208959



8388722

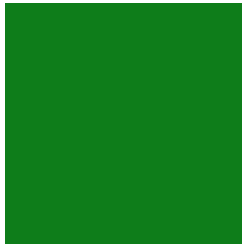


0



# Previews

## White Background



This preview shows how the Decimal color 949530 looks on a white background.

### Color Contrast Check

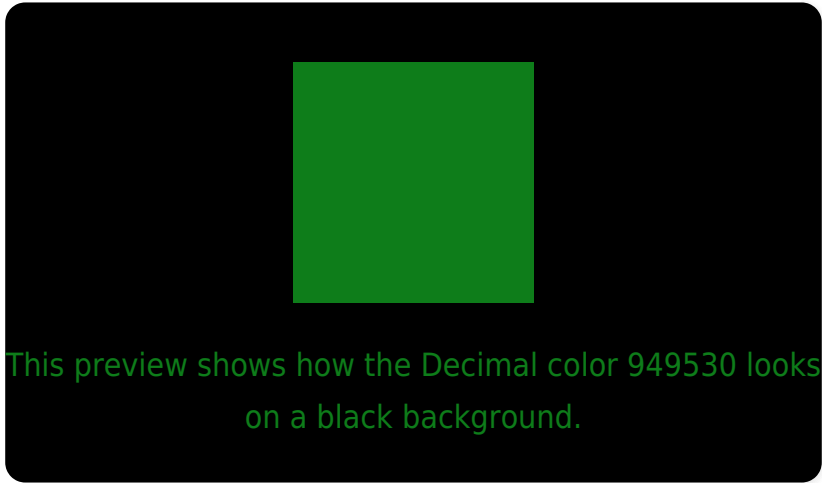
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 949530 Background



This preview shows how black text looks on a background with the Decimal color 949530.



This preview shows how white text looks on a background with the Decimal color 949530.

# 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**  
949530

**Protanopia**  
7891733

**Deuteranopia**  
8807973



# Trichromacy



**Original Color**  
949530



**Protanomaly**  
5337623



**Deuteranomaly**  
5926433



**Tritanomaly**  
2586458

# Monochromacy



**Original Color**  
949530



**Achromatopsia**  
5329233



**Achromatomaly**  
3760445

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 949530 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 #0E7D1A looks like.

```
.text, #text, p{  
    color:#0E7D1A  
}
```

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 #0E7D1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E7D1A
}
```

## Border

The CSS property to change the border of an element to Decimal 949530 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".

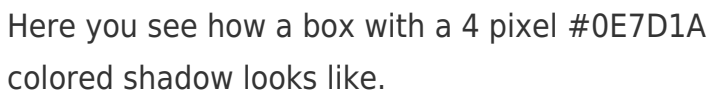
```
.border, #border, table{ border:4px solid
#0E7D1A }
```

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

```
.border{ border-color:#0E7D1A }
```

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

Here you see how a box with a 4 pixel #0E7D1A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E7D1A; -webkit-box-shadow:4px 4px  
4px 4px #0E7D1A; box-shadow:4px 4px 4px  
4px #0E7D1A }
```

# Background

The CSS property to change the background color of an element to Decimal 949530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E7D1A }
```

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

```
.background{ background-color:#0E7D1A }
```

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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