

# Converting Colors

Hex(109E24)

Have a look what the booklet for  
Hex(109E24) contains.

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# Color

**Hex(109E24)**

# Conversions

## Conversions Part 1

Format	Color
Hex	109E24
RGB	16, 158, 36
RGB Percent	6%, 62%, 14%
CMY	0.9373, 0.3804, 0.8588
CMYK	0.90, 0.00, 0.77, 0.38
HSL	128°, 82%, 34%
HSV	128°, 90%, 62%
XYZ	12.7590, 24.6913, 5.7625
YIQ	101.6340, -45.4700, -68.0460

# Conversions

## Conversions Part 2

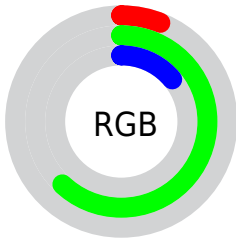
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	16, 140, 158
Decimal	1089060
CIE Lab	56.77, -57.66, 50.38
CIE LCh	57, 76.574, 138.856
Yxy	24.6913, 0.2953, 0.5714
Android (android.graphics.Color)	4279279140 (0xFF109E24)
YUV	101.6340, -32.3576, -75.1010
Hunter-Lab	49.6903, -41.1245, 27.9075

# Details

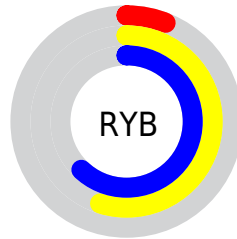
The Hex color **109E24** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **9E108A**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **5ED65A**, and **006900** is the 20% darker color. If you saturate the color by 10%, you get **009E16**, and if you desaturate by 10%, it is **209E32**.

# Distribution



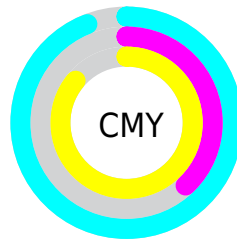
- Red (6%)
- Green (62%)
- Blue (14%)



- Red (6%)
- Yellow (55%)
- Blue (62%)



- Cyan (90%)
- Magenta (0%)
- Yellow (77%)
- Black (38%)



- Cyan (94%)
- Magenta (38%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 109E24 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 109E24 by changing the saturation by 10% instead.



 109E24

 109E24

FFFFFF

 008300

 5ED65A

 006900

 7CF374

 004F00

 9AFF8F

 003700

 B7FFAB

 001F00

 D5FFC7

 000000

 F3FFE4

 109E24

 109E24

 009E16

 209E32

 309E3F

 3F9E4D

 4F9E5A

 5F9E68

 6F9E75

 7F9E83

 8E9E91

 9E9E9E

# Harmonies

## Analogous

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



7D9200



109E24



00A46C

# Triad

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



109E24



0098FF



FC3C62

# Complementary

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



109E24



9E108A

# 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.



F13CA4



109E24



3F82FF

# Square

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



109E24



00A2EC



BE60E1



E65D21

# Rectangle

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



109E24



00A59B



BE60E1



FC3677



# Sweetspot

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



109E24



97CF9F



8B9E10



47694C



E8E8E8



696969



# Same Dimension

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



109E24



00CF1D



109E6A



474F48



008F14



000F02



# Inverse Universe

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



9E108A



CF00B1



9E1044



4F474E



8F007B

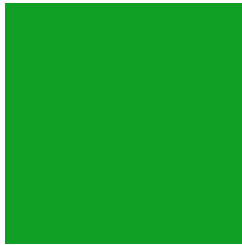


0F000D



# Previews

## White Background



This preview shows how the Hex color 109E24 looks on a white background.

## Color Contrast Check

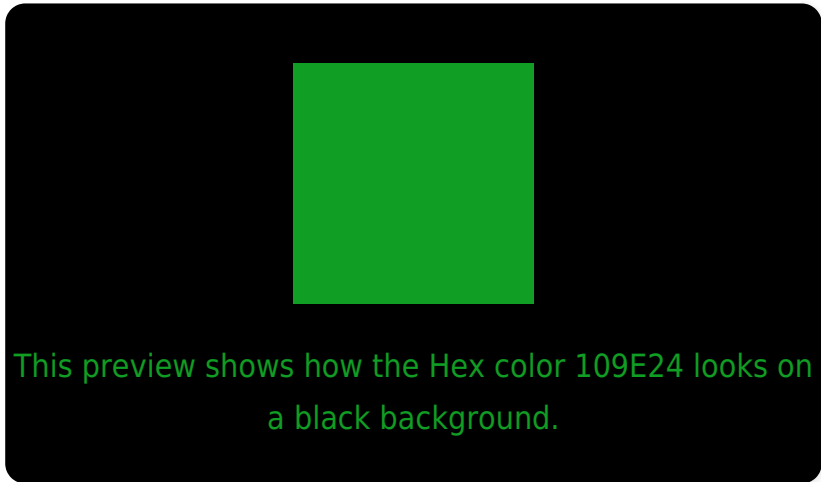
Large Text (above 18pt) WCAG AA ✓ Pass

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 109E24 Background



This preview shows how black text looks on a background with the Hex color 109E24.



This preview shows how white text looks on a background with the Hex color 109E24.

# 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**  
109E24

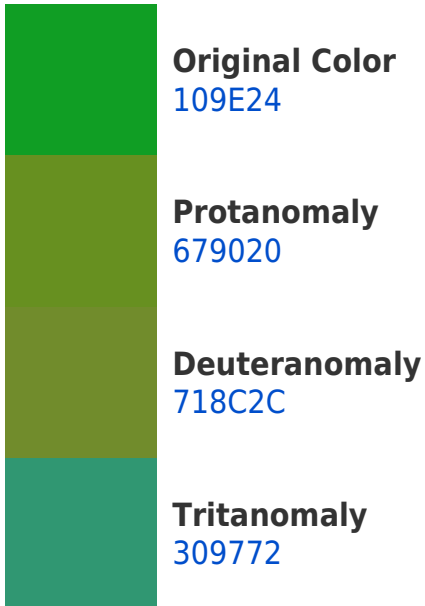
**Protanopia**  
98881E

**Deuteranopia**  
A98131



**Tritanopia**  
43939F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 109E24 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 #109E24 looks like.

```
.text, #text, p{  
    color:#109E24  
}
```

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 #109E24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #109E24
}
```

## Border

The CSS property to change the border of an element to Hex 109E24 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
#109E24 }
```

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

```
.border{ border-color:#109E24 }
```

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

Here you see how a box with a 4 pixel #109E24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #109E24; -webkit-box-shadow:4px 4px  
4px 4px #109E24; box-shadow:4px 4px 4px  
4px #109E24 }
```

# Background

The CSS property to change the background color of an element to Hex 109E24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#109E24 }
```

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

```
.background{ background-color:#109E24 }
```

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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