

# Converting Colors

Hex(109F35)

Have a look what the booklet for  
Hex(109F35) contains.

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**Color**

**Hex(109F35)**

# Conversions

## Conversions Part 1

Format	Color
Hex	109F35
RGB	16, 159, 53
RGB Percent	6%, 62%, 21%
CMY	0.9373, 0.3765, 0.7922
CMYK	0.90, 0.00, 0.67, 0.38
HSL	136°, 82%, 34%
HSV	136°, 90%, 62%
XYZ	13.2544, 25.1635, 7.5266
YIQ	104.1590, -51.2020, -63.2820

# Conversions

## Conversions Part 2

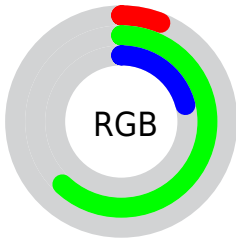
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	16, 130, 159
Decimal	1089333
CIE <sub>Lab</sub>	57.23, -56.38, 44.19
CIE <sub>LCh</sub>	57, 71.631, 141.914
Yxy	25.1635, 0.2885, 0.5477
Android (android.graphics.Color)	4279279413 (0xFF109F35)
YUV	104.1590, -25.2214, -77.3154
Hunter-Lab	50.1632, -40.6213, 26.2182

# Details

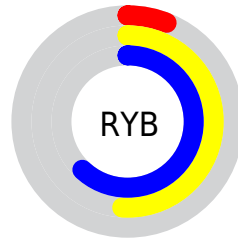
The Hex color **109F35** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **9F107A**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **5DD768**, and **006A00** is the 20% darker color. If you saturate the color by 10%, you get **009F29**, and if you desaturate by 10%, it is **209F41**.

# Distribution



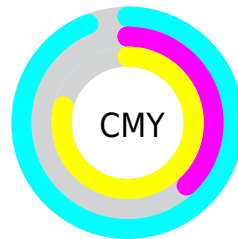
- Red (6%)
- Green (62%)
- Blue (21%)



- Red (6%)
- Yellow (51%)
- Blue (62%)



- Cyan (90%)
- Magenta (0%)
- Yellow (67%)
- Black (38%)



- Cyan (94%)
- Magenta (38%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 109F35 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 109F35 by changing the saturation by 10% instead.





109F35



109F35

FFFFFF



00841A



5DD768



006A00



7CF483



005000



99FF9E



003800



B7FFB9



002100



D4FFD5



000000



F2FFF2



109F35



109F35



009F29



209F41

 309F4D

 409F58

 509F64

 609F70

 6F9F7C

 7F9F88

 8F9F93

 9F9F9F

# Harmonies

## Analogous

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



7A9400



109F35



00A476

# Triad

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



109F35



0096FF



F6495F

# Complementary

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



109F35



9F107A

# 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.



EF469D



109F35



6080FE

# Square

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



109F35



00A2EB



C361D7



DF6524

# Rectangle

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



109F35



00A5A1



C361D7



F74373



# Sweetspot

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



109F35



97CFA5



7B9F10



476950



E8E8E8



696969



# Same Dimension

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



109F35



00CF35



109F7B



474F49



008F25



000F04



# Inverse Universe

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



9F107A



CF0099



9F1034



4F474D



8F006A



0F000B



# Previews

## White Background



This preview shows how the Hex color 109F35 looks on a white background.

## Color Contrast Check

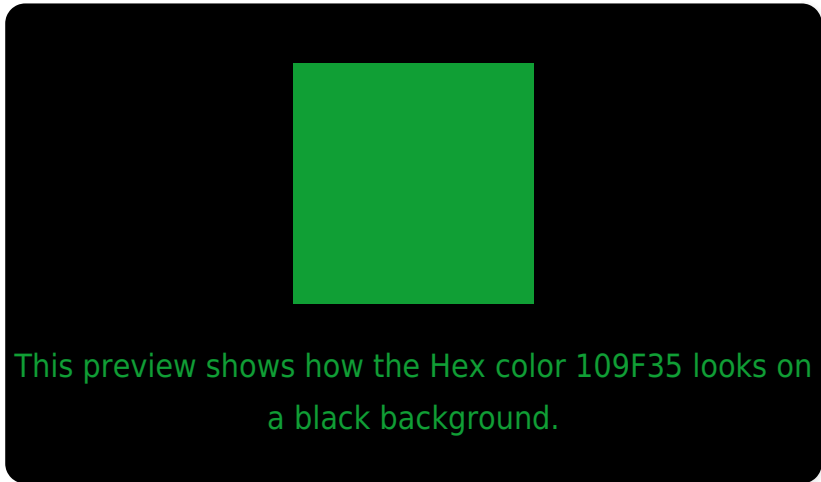
Large Text (above 18pt) WCAG AA ✓ Pass

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 109F35 Background



This preview shows how black text looks on a background with the Hex color 109F35.



This preview shows how white text looks on a background with the Hex color 109F35.

# 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**  
109F35

**Protanopia**  
99892F

**Deuteranopia**  
A9823E



**Tritanopia**  
4295A1

# Trichromacy



**Original Color**  
109F35



**Protanomaly**  
679131



**Deuteranomaly**  
718D3B



**Tritanomaly**  
30997A

# Monochromacy



**Original Color**  
109F35



**Achromatopsia**  
686868



**Achromatomaly**  
487C55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 109F35 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 #109F35 looks like.

```
.text, #text, p{  
    color:#109F35  
}
```

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 #109F35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #109F35
}
```

## Border

The CSS property to change the border of an element to Hex 109F35 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
#109F35 }
```

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

```
.border{ border-color:#109F35 }
```

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

Here you see how a box with a 4 pixel #109F35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #109F35; -webkit-box-shadow:4px 4px  
4px 4px #109F35; box-shadow:4px 4px 4px  
4px #109F35 }
```

# Background

The CSS property to change the background color of an element to Hex 109F35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#109F35 }
```

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

```
.background{ background-color:#109F35 }
```

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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