

Converting Colors

Hex(109F45)

Have a look what the booklet for
Hex(109F45) contains.

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Color

Hex(109F45)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 109F45 |
| RGB | 16, 159, 69 |
| RGB Percent | 6%, 62%, 27% |
| CMY | 0.9373, 0.3765, 0.7294 |
| CMYK | 0.90, 0.00, 0.57, 0.38 |
| HSL | 142°, 82%, 34% |
| HSV | 142°, 90%, 62% |
| XYZ | 13.6860, 25.3361, 9.7993 |
| YIQ | 105.9830, -56.3380, -58.3060 |

Conversions

Conversions Part 2

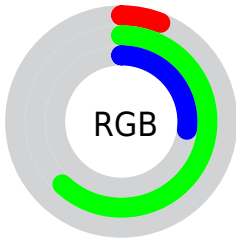
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 16, 120, 159 |
| Decimal | 1089349 |
| CIELab | 57.40, -54.32, 36.93 |
| CIELCh | 57, 65.680, 145.790 |
| Yxy | 25.3361, 0.2803, 0.5190 |
| Android (android.graphics.Color) | 4279279429 (0xFF109F45) |
| YUV | 105.9830, -18.2326, -78.9151 |
| Hunter-Lab | 50.3350, -39.5524, 23.6919 |

Details

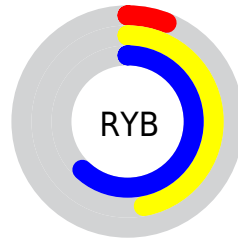
The Hex color **109F45** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **9F106A**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **5DD778**, and **006A13** is the 20% darker color. If you saturate the color by 10%, you get **009F3B**, and if you desaturate by 10%, it is **209F4F**.

Distribution



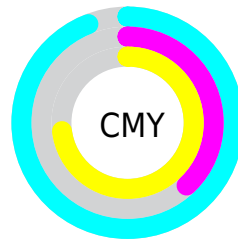
- Red (6%)
- Green (62%)
- Blue (27%)



- Red (6%)
- Yellow (47%)
- Blue (62%)



- Cyan (90%)
- Magenta (0%)
- Yellow (57%)
- Black (38%)



- Cyan (94%)
- Magenta (38%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 109F45 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 109F45 by changing the saturation by 10% instead.

 109F45

 109F45

FFFFFF

 00842C

 5DD778

 006A13

 7BF492

 005100

 98FFAD

 003800

 B5FFC9

 002100

 D3FFE5

 000000

 F1FFFF

 109F45

 109F45

 009F3B

 209F4F

 309F59

 409F63

 509F6D

 609F77

 6F9F81

 7F9F8B

 8F9F95

 9F9F9F

Harmonies

Analogous

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



759508



109F45



00A480

Triad

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



109F45



0093FD



EE555C

Complementary

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



109F45



9F106A

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.



EB4F94



109F45



787EF2

Square

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



109F45



009FE8



C763CB



D66D28

Rectangle

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



109F45



00A4A7



C763CB



F0506E

Sweetspot

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



109F45



97CFAB



6B9F10



476953



E8E8E8



696969

Same Dimension

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



109F45



00CF4D



109F8C



474F4A



008F35



000F06

Inverse Universe

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



9F106A



CF0082



9F1023



4F474C



8F005A



0F000A

Previews

White Background



This preview shows how the Hex color 109F45 looks on a white background.

Color Contrast Check

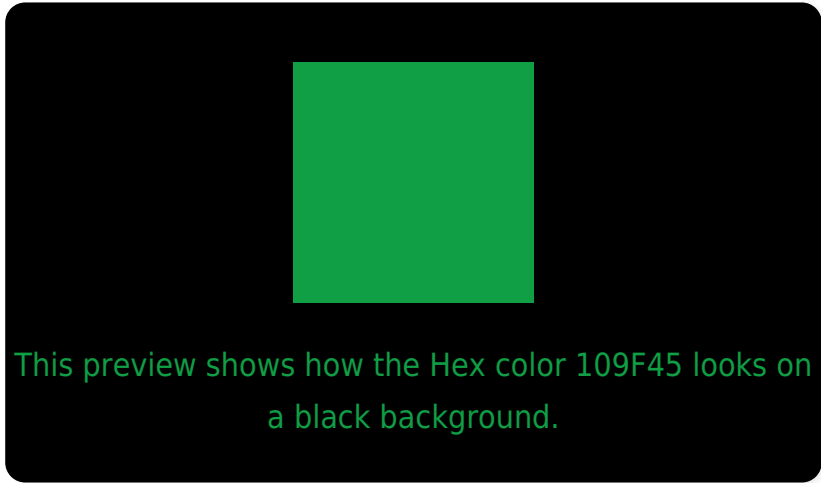
Large Text (above 18pt) WCAG AA ✓ Pass

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

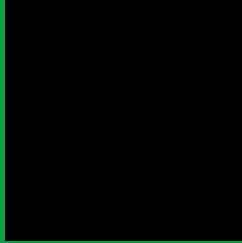
Any Text WCAG AA ✓ Pass

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 109F45 Background



This preview shows how black text looks on a background with the Hex color 109F45.



This preview shows how white text looks on a background with the Hex color 109F45.

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](#).

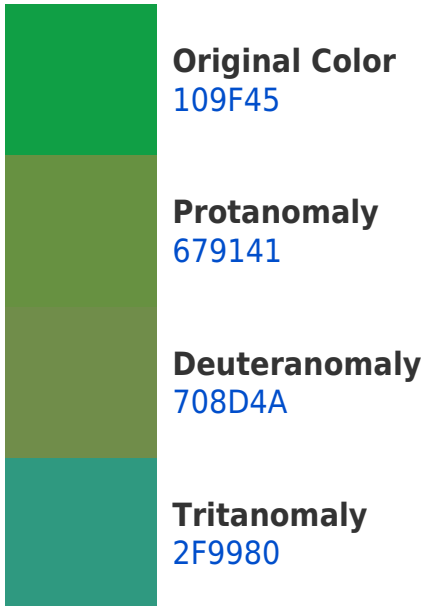
Dichromacy



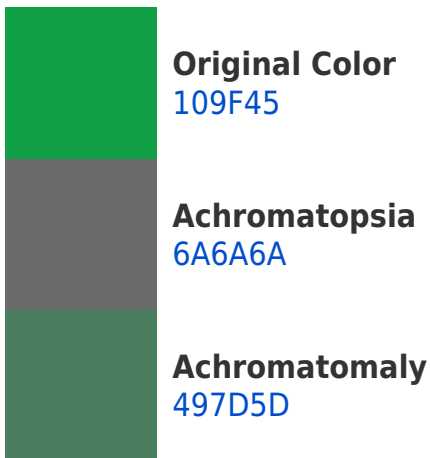


Tritanopia
4095A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 109F45 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 #109F45 looks like.

```
.text, #text, p{  
    color:#109F45  
}
```

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 #109F45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #109F45
}
```

Border

The CSS property to change the border of an element to Hex 109F45 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
#109F45 }
```

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

```
.border{ border-color:#109F45 }
```

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

Here you see how a box with a 4 pixel #109F45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #109F45; -webkit-box-shadow:4px 4px  
4px 4px #109F45; box-shadow:4px 4px 4px  
4px #109F45 }
```

Background

The CSS property to change the background color of an element to Hex 109F45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#109F45 }
```

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

```
.background{ background-color:#109F45 }
```

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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