

Converting Colors

Hex(109E10)

Have a look what the booklet for
Hex(109E10) contains.

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Color

Hex(109E10)

Conversions

Conversions Part 1

Format	Color
Hex	109E10
RGB	16, 158, 16
RGB Percent	6%, 62%, 6%
CMY	0.9373, 0.3804, 0.9373
CMYK	0.90, 0.00, 0.90, 0.38
HSL	120°, 82%, 34%
HSV	120°, 90%, 62%
XYZ	12.5341, 24.6013, 4.5781
YIQ	99.3540, -39.0500, -74.2660

Conversions

Conversions Part 2

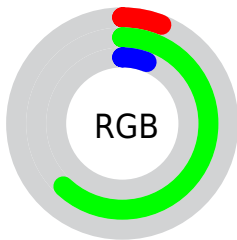
Format	Color
R_{YB}	16, 158, 158
Decimal	1089040
CIE Lab	56.68, -58.80, 55.77
CIE LCh	57, 81.041, 136.512
Yxy	24.6013, 0.3005, 0.5898
Android (android.graphics.Color)	4279279120 (0xFF109E10)
YUV	99.3540, -41.0935, -73.1015
Hunter-Lab	49.5997, -41.6917, 29.2472

Details

The Hex color **109E10** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **9E109E**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **5FD64D**, and **006900** is the 20% darker color. If you saturate the color by 10%, you get **009E00**, and if you desaturate by 10%, it is **209E20**.

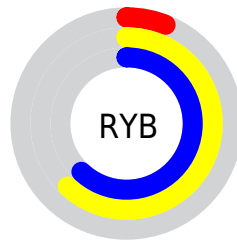
Distribution



Red (6%)

Green (62%)

Blue (6%)



Red (6%)

Yellow (62%)

Blue (62%)

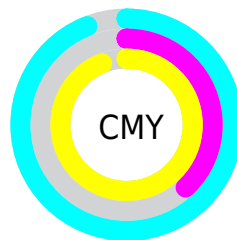


Cyan (90%)

Magenta (0%)

Yellow (90%)

Black (38%)



Cyan (94%)

Magenta (38%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 109E10 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 109E10 by changing the saturation by 10% instead.

 109E10

 109E10

FFFFFF

 008300

 5FD64D

 006900

 7DF368

 004F00

 9BFF83

 003700

 B9FF9F

 001F00

 D7FFBB

 000000

 F5FFD8

 FFFFF5

 109E10

 109E10

■ 009E00

■ 209E20

■ 309E30

■ 3F9E3F

■ 4F9E4F

■ 5F9E5F

■ 6F9E6F

■ 7F9E7F

■ 8E9E8E

■ 9E9E9E

Harmonies

Analogous

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



809100



109E10



00A464

Triad

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



109E10



009AFF



FF2E65

Complementary

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



109E10



9E109E

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.



F434AB



109E10



0083FF

Square

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



109E10



00A4EE



BA5FEA



EC561F

Rectangle

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



109E10



00A696



BA5FEA



FF277C

Sweetspot

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



109E10



97CF97



9E9E10



476947



E8E8E8



696969

Same Dimension

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



109E10



00CF00



109E57



474F47



008F00



000F00

Inverse Universe

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



9E109E



CF00CF



9E1057



4F474F



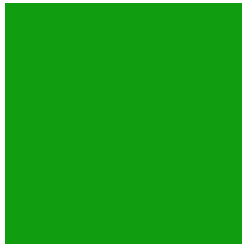
8F008F



0F000F

Previews

White Background



This preview shows how the Hex color 109E10 looks on a white background.

Color Contrast Check

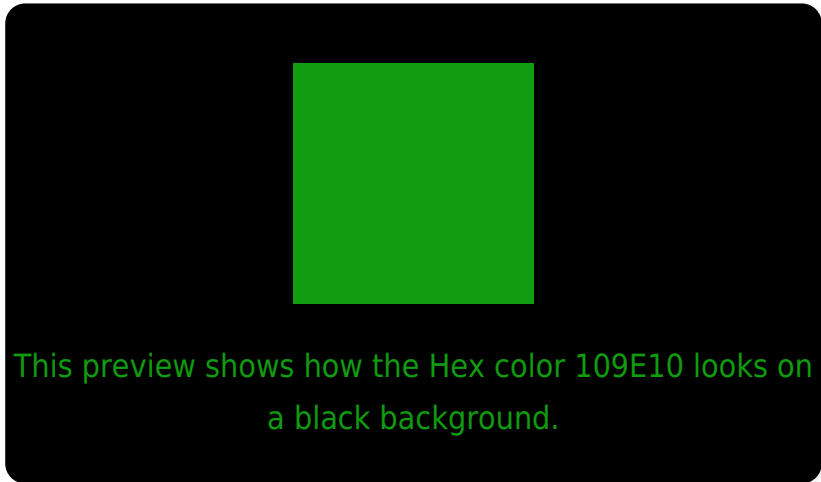
Large Text (above 18pt) WCAG AA ✓ Pass

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 109E10 Background



This preview shows how black text looks on a background with the Hex color 109E10.

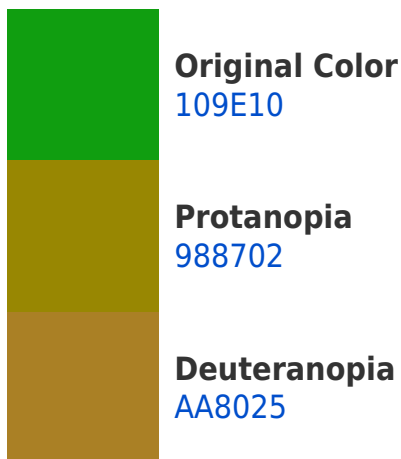



This preview shows how white text looks on a background with the Hex color 109E10.

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
43939F

Trichromacy



Original Color

109E10



Protanomaly

678F07



Deuteranomaly

728B1D



Tritanomaly

30976B

Monochromacy



Original Color

109E10



Achromatopsia

636363



Achromatomaly

457845

CSS Examples

Text

The CSS property to change the color of the text to Hex 109E10 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 #109E10 looks like.

```
.text, #text, p{  
    color:#109E10  
}
```

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 #109E10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #109E10
}
```

Border

The CSS property to change the border of an element to Hex 109E10 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
#109E10 }
```

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

```
.border{ border-color:#109E10 }
```

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

Here you see how a box with a 4 pixel #109E10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #109E10; -webkit-box-shadow:4px 4px  
4px 4px #109E10; box-shadow:4px 4px 4px  
4px #109E10 }
```

Background

The CSS property to change the background color of an element to Hex 109E10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#109E10 }
```

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

```
.background{ background-color:#109E10 }
```

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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