

Converting Colors

Hex(121509)

Have a look what the booklet for
Hex(121509) contains.

Hex(121509)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(121509)

Conversions

Conversions Part 1

Format	Color
Hex	121509
RGB	18, 21, 9
RGB Percent	7%, 8%, 4%
CMY	0.9294, 0.9176, 0.9647
CMYK	0.14, 0.00, 0.57, 0.92
HSL	75°, 40%, 6%
HSV	75°, 57%, 8%
XYZ	0.5669, 0.6847, 0.3607
YIQ	18.7350, 2.0640, -4.3680

Conversions

Conversions Part 2

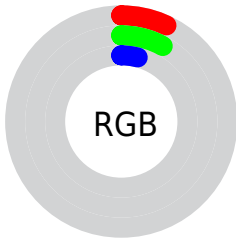
Format	Color
RYB	9, 21, 12
Decimal	1185033
CIELab	6.18, -3.43, 5.50
CIElCh	6, 6.486, 121.959
Yxy	0.6847, 0.3516, 0.4246
Android (android.graphics.Color)	4279375113 (0xFF121509)
YUV	18.7350, -4.7994, -0.6446
Hunter-Lab	8.2744, -2.2500, 3.2074

Details

The Hex color **121509** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0C0915**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **3C3F36**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **111507**, and if you desaturate by 10%, it is **13150B**.

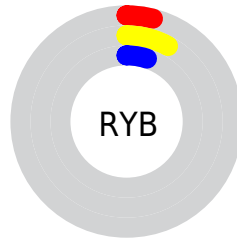
Distribution



Red (7%)

Green (8%)

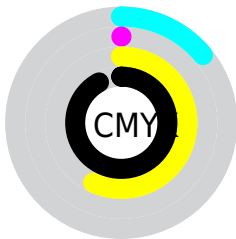
Blue (4%)



Red (4%)

Yellow (8%)

Blue (5%)

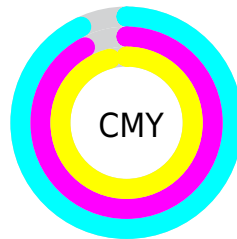


Cyan (14%)

Magenta (0%)

Yellow (57%)

Black (92%)



Cyan (93%)

Magenta (92%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 121509 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 121509 by changing the saturation by 10% instead.

■ 121509

■ 121509

■ F2F6E9

■ 000000

■ 3C3F36

■ 53564C

■ 6B6F64

■ 85887D

■ 9FA297

■ BABDB2

■ D5D9CD

■ 121509

■ 121509

■ 111507

■ 13150B

■ 111505

■ 13150D

■ 101503

■ 14150F

■ 101501

■ 141511

■ 101500

■ 151513

■ 151516

■ 161518

■ 16151A

■ 17151C

Harmonies

Analogous

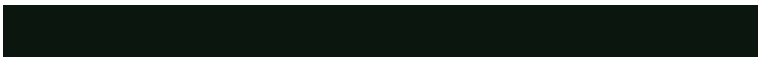
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



181307



121509



0B160E

Triad

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



121509



08151B



1D1014

Complementary

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



121509



0C0915

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.



1A1118



121509



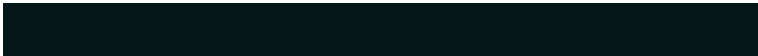
0F141C

Square

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



121509



041618



15121B



1D110E

Rectangle

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



121509



071712



15121B



1C1015

Sweetspot

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



121509



1B1C17



150C09



0F0F0C



8F8F8F



0F0F0F

Same Dimension

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



121509



171C09



0C1509



0A0A09



374A00



97C900

Inverse Universe

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



0C0915



0E091C



120915



09090A



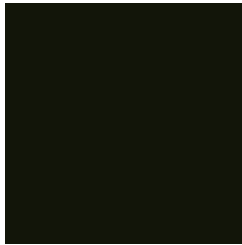
12004A



3200C9

Previews

White Background



This preview shows how the Hex color 121509 looks on a white background.

Color Contrast Check

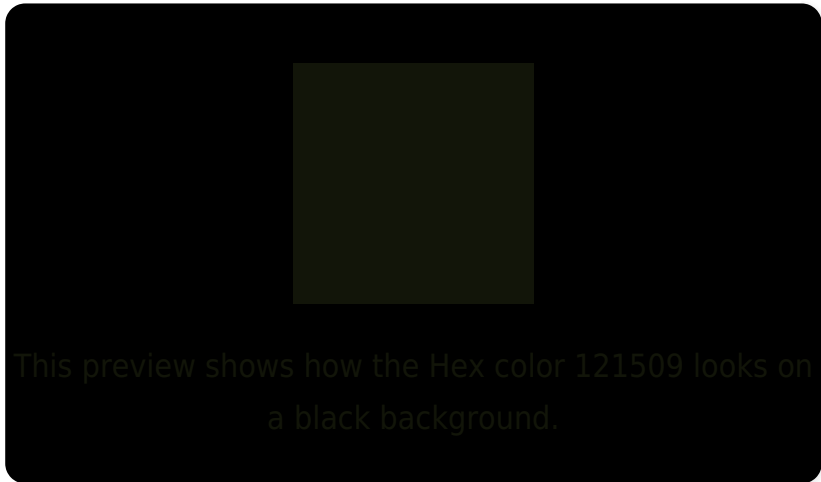
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

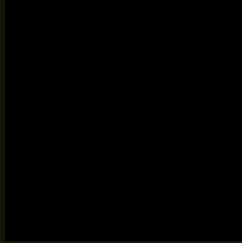
Any Text WCAG AA × Fail

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](#).

Hex 121509 Background



This preview shows how black text looks on a background with the Hex color 121509.



This preview shows how white text looks on a background with the Hex color 121509.

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](#).

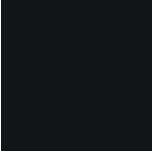
Dichromacy



Original Color
121509

Protanopia
161409

Deuteranopia
18130A



Tritanopia
131415

Trichromacy



Original Color

121509

Protanomaly

151409

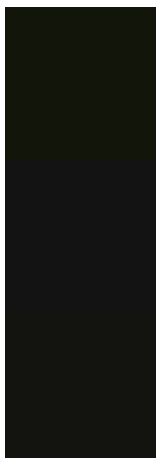
Deuteranomaly

16140A

Tritanomaly

131411

Monochromacy



Original Color

121509

Achromatopsia

131313

Achromatomaly

13140F

CSS Examples

Text

The CSS property to change the color of the text to Hex 121509 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 #121509 looks like.

```
.text, #text, p{  
    color:#121509  
}
```

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 #121509 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #121509
}
```

Border

The CSS property to change the border of an element to Hex 121509 is called "border". The border property can be set on classes, ids or directly on the HTML element.

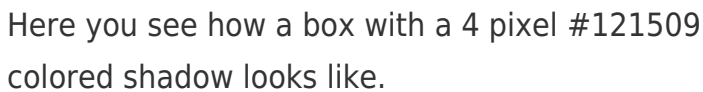
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#121509 }
```

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

```
.border{ border-color:#121509 }
```

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



Here you see how a box with a 4 pixel #121509 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #121509; -webkit-box-shadow:4px 4px  
4px 4px #121509; box-shadow:4px 4px 4px  
4px #121509 }
```

Background

The CSS property to change the background color of an element to Hex 121509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#121509 }
```

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

```
.background{ background-color:#121509 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor