

Converting Colors

Hex(1A0916)

Have a look what the booklet for
Hex(1A0916) contains.

Hex(1A0916)	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(1A0916)

Conversions

Conversions Part 1

Format	Color
Hex	1A0916
RGB	26, 9, 22
RGB Percent	10%, 4%, 9%
CMY	0.8980, 0.9647, 0.9137
CMYK	0.00, 0.65, 0.15, 0.90
HSL	314°, 49%, 7%
HSV	314°, 65%, 10%
XYZ	0.6685, 0.4729, 0.8151
YIQ	15.5650, 5.9590, 7.6470

Conversions

Conversions Part 2

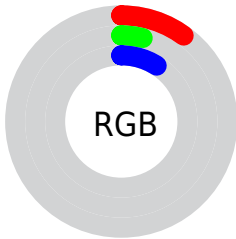
Format	Color
R_{YB}	26, 9, 22
Decimal	1706262
CIE Lab	4.27, 8.97, -4.29
CIE LCh	4, 9.946, 334.426
Yxy	0.4729, 0.3417, 0.2417
Android (android.graphics.Color)	4279896342 (0xFF1A0916)
YUV	15.5650, 3.1725, 9.1515
Hunter-Lab	6.8769, 5.3176, -2.2137

Details

The Hex color **1A0916** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **091A0D**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **443540**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1A0615**, and if you desaturate by 10%, it is **1A0C17**.

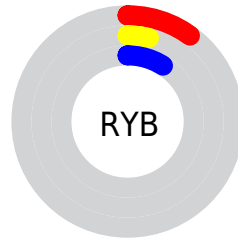
Distribution



Red (10%)

Green (4%)

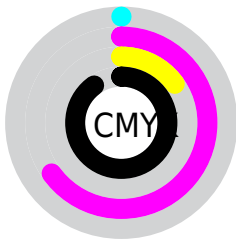
Blue (9%)



Red (10%)

Yellow (4%)

Blue (9%)

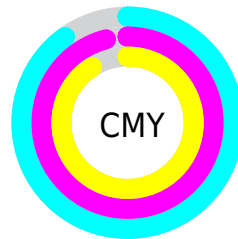


Cyan (0%)

Magenta (65%)

Yellow (15%)

Black (90%)



Cyan (90%)

Magenta (96%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A0916 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 1A0916 by changing the saturation by 10% instead.

■ 1A0916

■ 1A0916

■ FDE9F7

■ 000000

■ 443540

■ 5C4C58

■ 756470

■ 8E7D89

■ A997A4

■ C4B1BF

■ E0CDDB

■ 1A0916

■ 1A0916

■ 1A0615

■ 1A0C17

■ 1A0415

■ 1A0E17

■ 1A0114

■ 1A1118

■ 1A0014

■ 1A1318

■ 1A1619

■ 1A191A

■ 1A1B1A

■ 1A1E1B

■ 1A201C

Harmonies

Analogous

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



130C1B



1A0916



1E080E

Triad

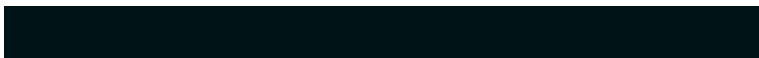
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1A0916



130F00



001417

Complementary

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



1A0916



091A0D

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.



001410



1A0916



091200

Square

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



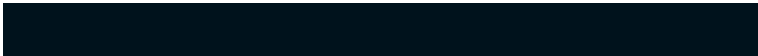
1A0916



1B0B00



001305



00121C

Rectangle

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



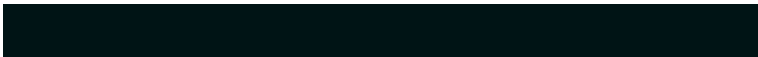
1A0916



1E0806



001305



001415

Sweetspot

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



1A0916



211B20



0D091A



120E11



919191



121212

Same Dimension

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



1A0916



21071B



1A090E



0D0B0C



4D003A



CC009C

Inverse Universe

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



1A0916



21071B



091A15



0D0B0C



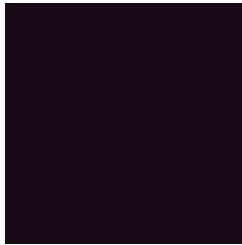
4D003B



CC009C

Previews

White Background



This preview shows how the Hex color 1A0916 looks on a white background.

Color Contrast Check

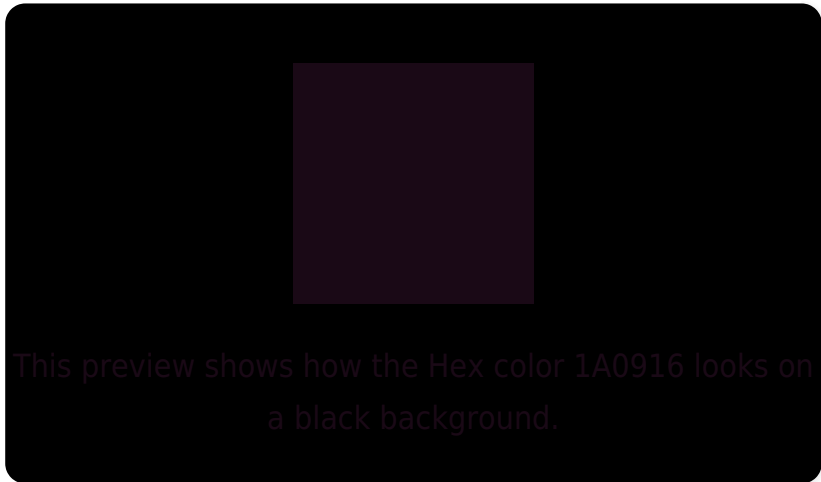
Large Text (above 18pt) WCAG AA ✓ Pass

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

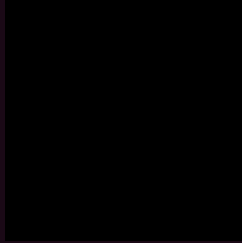
Any Text WCAG AA × Fail

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 1A0916 Background



This preview shows how black text looks on a background with the Hex color 1A0916.



This preview shows how white text looks on a background with the Hex color 1A0916.

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
1A0916

Protanopia
0B101B

Deuteranopia
0F1015



Tritanopia
190C0C

Trichromacy



Original Color

1A0916

Protanomaly

100D19

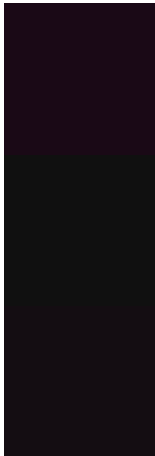
Deuteranomaly

130D15

Tritanomaly

190B10

Monochromacy



Original Color

1A0916

Achromatopsia

101010

Achromatomaly

140D12

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A0916 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 #1A0916 looks like.

```
.text, #text, p{  
    color:#1A0916  
}
```

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 #1A0916 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A0916
}
```

Border

The CSS property to change the border of an element to Hex 1A0916 is called "border". The border property can be set on classes, ids or directly on the HTML element.

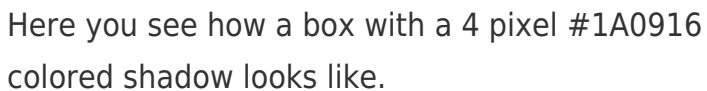
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1A0916 }
```

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

```
.border{ border-color:#1A0916 }
```

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



Here you see how a box with a 4 pixel #1A0916 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A0916; -webkit-box-shadow:4px 4px  
4px 4px #1A0916; box-shadow:4px 4px 4px  
4px #1A0916 }
```

Background

The CSS property to change the background color of an element to Hex 1A0916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A0916 }
```

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

```
.background{ background-color:#1A0916 }
```

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