

Converting Colors

Hex(1A0207)

Have a look what the booklet for
Hex(1A0207) contains.

Hex(1A0207)	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(1A0207)

Conversions

Conversions Part 1

Format	Color
Hex	1A0207
RGB	26, 2, 7
RGB Percent	10%, 1%, 3%
CMY	0.8980, 0.9922, 0.9725
CMYK	0.00, 0.92, 0.73, 0.90
HSL	348°, 86%, 5%
HSV	348°, 92%, 10%
XYZ	0.4861, 0.2784, 0.2291
YIQ	9.7460, 12.6990, 6.6430

Conversions

Conversions Part 2

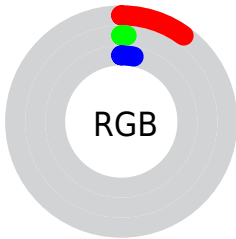
Format	Color
R _Y B	26, 2, 7
Decimal	1704455
CIE Lab	2.51, 9.07, 1.06
CIE LCh	3, 9.134, 6.652
Yxy	0.2784, 0.4892, 0.2802
Android (android.graphics.Color)	4279894535 (0xFF1A0207)
YUV	9.7460, -1.3538, 14.2548
Hunter-Lab	5.2761, 7.2113, 1.1185

Details

The Hex color **1A0207** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **021A15**, and the grayscale version is **0A0A0A**.

A 20% lighter version of the original color is **443134**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1A0005**, and if you desaturate by 10%, it is **1A0509**.

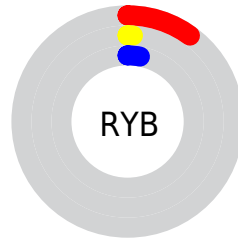
Distribution



Red (10%)

Green (1%)

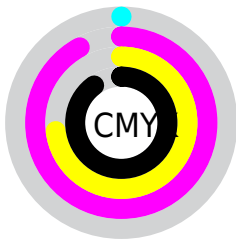
Blue (3%)



Red (10%)

Yellow (1%)

Blue (3%)

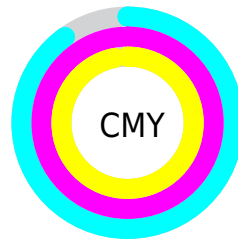


Cyan (0%)

Magenta (92%)

Yellow (73%)

Black (90%)



Cyan (90%)

Magenta (99%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A0207 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 1A0207 by changing the saturation by 10% instead.

 1A0207

 1A0207

 FCE4E8

 000000

 443134

 5B474B

 745F63

 8E787C

 A89296

 C4ACB0

 E0C8CC

 1A0207

 1A0207

■ 1A0005

■ 1A0509

■ 1A070B

■ 1A0A0D

■ 1A0C0F

■ 1A0F11

■ 1A1213

■ 1A1415

■ 1A1717

■ 1A191A

Harmonies

Analogous

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



160311



1A0207



1A0300

Triad

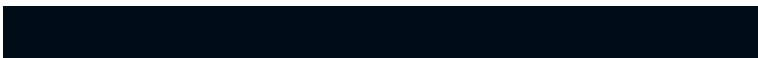
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1A0207



000D00



000D18

Complementary

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



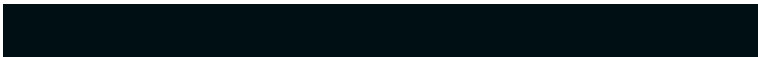
1A0207



021A15

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.



000F13



1A0207



000F00

Square

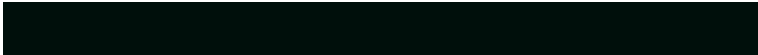
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



1A0207



0B0A00



000F0B



020919

Rectangle

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



1A0207



160500



000F0B



000D17

Sweetspot

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



1A0207



21181A



15021A



120C0D



919191



121212

Same Dimension

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



1A0207



210007



1A0902



0D0B0C



4D0010



CC002A

Inverse Universe

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



1A0207



210007



02131A



0D0B0C



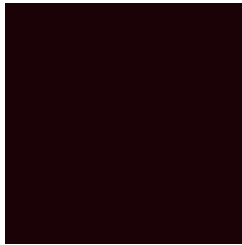
4D0010



CC002B

Previews

White Background



This preview shows how the Hex color 1A0207 looks on a white background.

Color Contrast Check

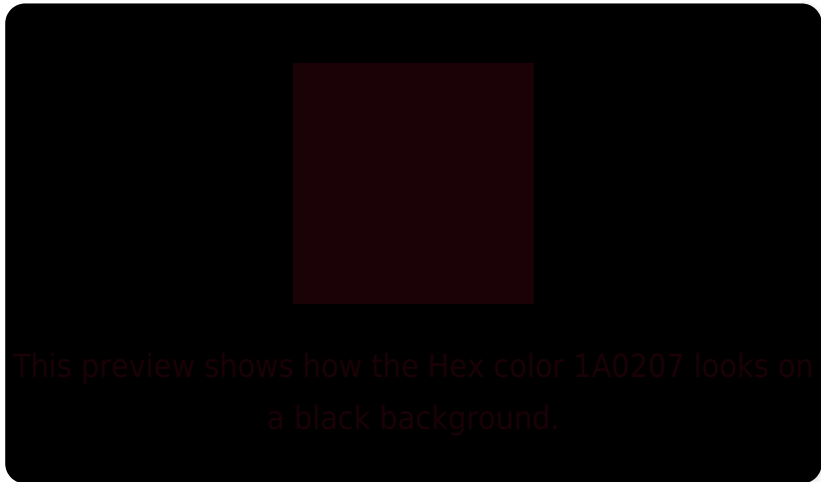
Large Text (above 18pt) WCAG AA ✓ Pass

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

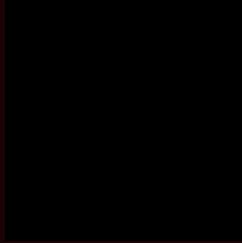
Any Text WCAG AA × Fail

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 1A0207 Background



This preview shows how black text looks on a background with the Hex color 1A0207.

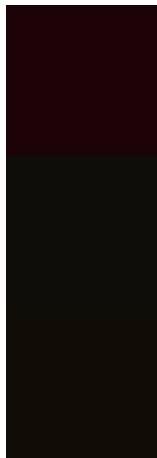


This preview shows how white text looks on a background with the Hex color 1A0207.

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
1A0207

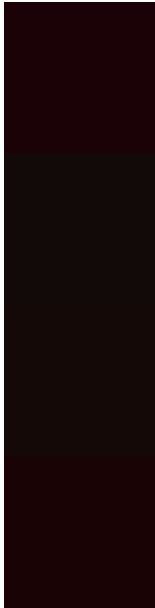
Protanopia
0E0D0A

Deuteranopia
100D06



Tritanopia
1A0303

Trichromacy



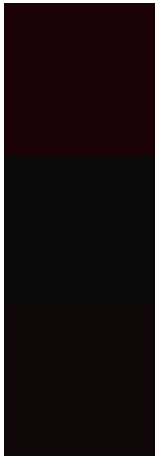
Original Color
1A0207

Protanomaly
120909

Deuteranomaly
140906

Tritanomaly
1A0304

Monochromacy



Original Color
1A0207

Achromatopsia
0A0A0A

Achromatomaly
100709

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A0207 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 #1A0207 looks like.

```
.text, #text, p{  
    color:#1A0207  
}
```

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 #1A0207 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A0207
}
```

Border

The CSS property to change the border of an element to Hex 1A0207 is called "border". The border property can be set on classes, ids or directly on the HTML element.

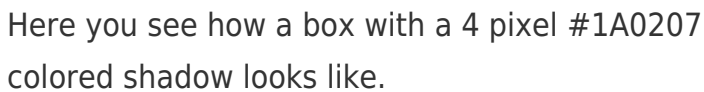
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1A0207 }
```

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

```
.border{ border-color:#1A0207 }
```

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



Here you see how a box with a 4 pixel #1A0207 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A0207; -webkit-box-shadow:4px 4px  
4px 4px #1A0207; box-shadow:4px 4px 4px  
4px #1A0207 }
```

Background

The CSS property to change the background color of an element to Hex 1A0207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A0207 }
```

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

```
.background{ background-color:#1A0207 }
```

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