

Converting Colors

Hex(1B0007)

Have a look what the booklet for
Hex(1B0007) contains.

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Color

Hex(1B0007)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------|
| Hex | 1B0007 |
| RGB | 27, 0, 7 |
| RGB Percent | 11%, 0%, 3% |
| CMY | 0.8941, 1.0000, 0.9725 |
| CMYK | 0.00, 1.00, 0.74, 0.89 |
| HSL | 344°, 100%, 5% |
| HSV | 344°, 100%, 11% |
| XYZ | 0.4903, 0.2484, 0.2231 |
| YIQ | 8.8710, 13.8450, 7.9010 |

Conversions

Conversions Part 2

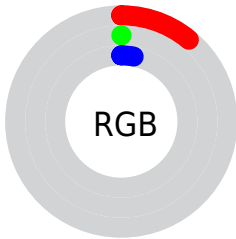
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 27, 0, 7 |
| Decimal | 1769479 |
| CIE Lab | 2.24, 10.42, 0.68 |
| CIE LCh | 2, 10.439, 3.717 |
| Yxy | 0.2484, 0.5098, 0.2582 |
| Android (android.graphics.Color) | 4279959559 (0xFF1B0007) |
| YUV | 8.8710, -0.9224, 15.8991 |
| Hunter-Lab | 4.9835, 8.8422, 0.8341 |

Details

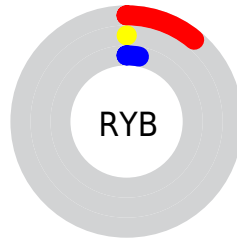
The Hex color **1B0007** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **001B14**, and the grayscale version is **090909**.

A 20% lighter version of the original color is **453034**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1B0007**, and if you desaturate by 10%, it is **1B0309**.

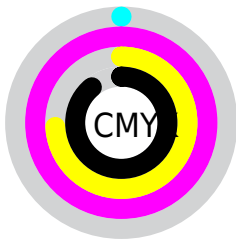
Distribution



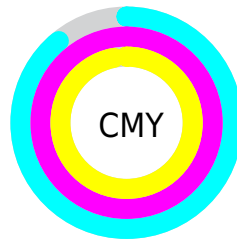
- Red (11%)
- Green (0%)
- Blue (3%)



- Red (11%)
- Yellow (0%)
- Blue (3%)



- Cyan (0%)
- Magenta (100%)
- Yellow (74%)
- Black (89%)



- Cyan (89%)
- Magenta (100%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B0007 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 1B0007 by changing the saturation by 10% instead.

 1B0007

 1B0007

 FEE2E8

 000000

 453034

 5C464B

 755E63

 8F777C

 AA9096

 C5ABB0

 E1C6CC

 1B0007

■ 1B0309

■ 1B050B

■ 1B080D

■ 1B0B0F

■ 1B0E11

■ 1B1013

■ 1B1315

■ 1B1617

■ 1B1819

Harmonies

Analogous

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



160112



1B0007



1B0100

Triad

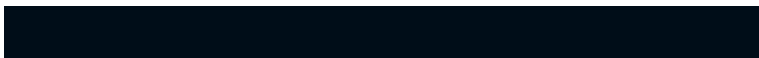
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1B0007



000C00



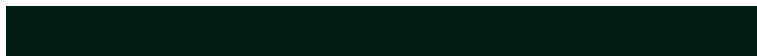
000D18

Complementary

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



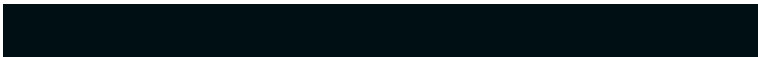
1B0007



001B14

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



1B0007



000F00

Square

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



1B0007



0B0800



000F09



00091A

Rectangle

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



1B0007



170300



000F09



000D17

Sweetspot

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



1B0007



24191C



14001B



120B0D



919191



121212

Same Dimension

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



1B0007



240009



1B0600



0D0B0C



4D0014



CC0035

Inverse Universe

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



1B0007



240009



00151B



0D0B0C



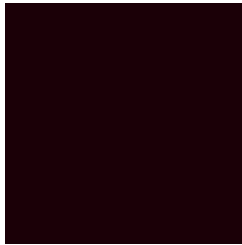
4D0014



CC0035

Previews

White Background



This preview shows how the Hex color 1B0007 looks on a white background.

Color Contrast Check

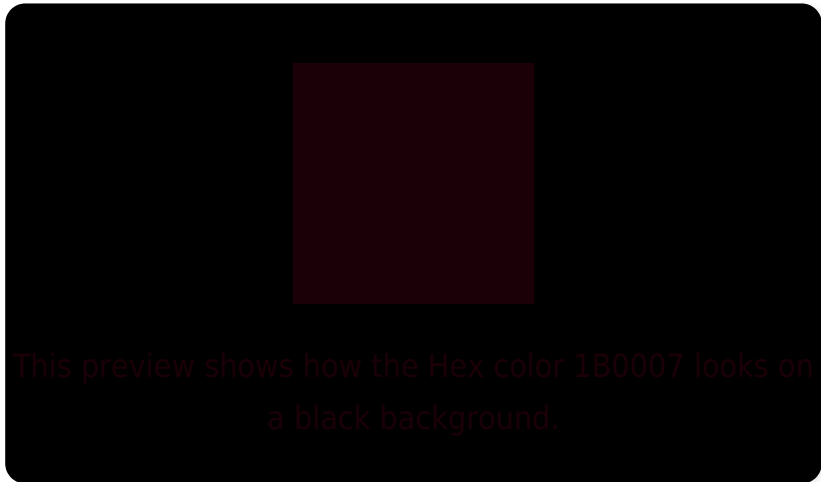
Large Text (above 18pt) WCAG AA ✓ Pass

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

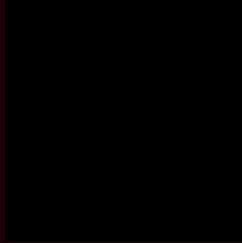
Any Text WCAG AA × Fail

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 1B0007 Background



This preview shows how black text looks on a background with the Hex color 1B0007.

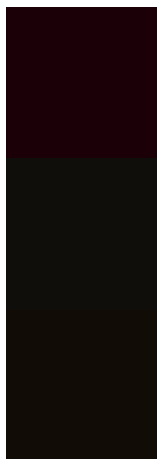


This preview shows how white text looks on a background with the Hex color 1B0007.

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
1B0007

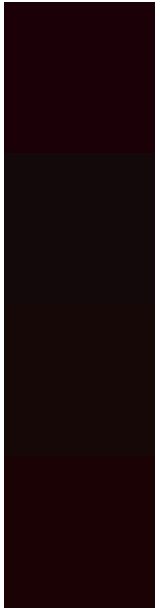
Protanopia
0F0E0B

Deuteranopia
110D06



Tritanopia
1B0302

Trichromacy



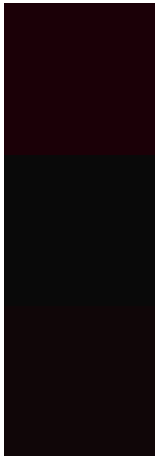
Original Color
1B0007

Protanomaly
13090A

Deuteranomaly
150806

Tritanomaly
1B0204

Monochromacy



Original Color
1B0007

Achromatopsia
090909

Achromatomaly
100608

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B0007 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 #1B0007 looks like.

```
.text, #text, p{  
    color:#1B0007  
}
```

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 #1B0007 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B0007
}
```

Border

The CSS property to change the border of an element to Hex 1B0007 is called "border". The border property can be set on classes, ids or directly on the HTML element.

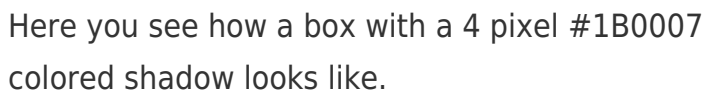
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1B0007 }
```

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

```
.border{ border-color:#1B0007 }
```

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



Here you see how a box with a 4 pixel #1B0007 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B0007; -webkit-box-shadow:4px 4px  
4px 4px #1B0007; box-shadow:4px 4px 4px  
4px #1B0007 }
```

Background

The CSS property to change the background color of an element to Hex 1B0007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B0007 }
```

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

```
.background{ background-color:#1B0007 }
```

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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