

Converting Colors

Hex(4D0007)

Have a look what the booklet for
Hex(4D0007) contains.

Hex(4D0007)	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>	28

Color

Hex(4D0007)

Conversions

Conversions Part 1

Format	Color
Hex	4D0007
RGB	77, 0, 7
RGB Percent	30%, 0%, 3%
CMY	0.6980, 1.0000, 0.9725
CMYK	0.00, 1.00, 0.91, 0.70
HSL	355°, 100%, 15%
HSV	355°, 100%, 30%
XYZ	3.0989, 1.5931, 0.3452
YIQ	23.8210, 43.6450, 18.5010

Conversions

Conversions Part 2

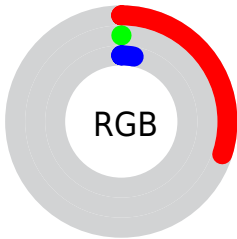
Format	Color
RYB	77, 0, 7
Decimal	5046279
CIELab	13.19, 33.92, 17.80
CIELCh	13, 38.308, 27.689
Yxy	1.5931, 0.6152, 0.3163
Android (android.graphics.Color)	4283236359 (0xFF4D0007)
YUV	23.8210, -8.2928, 46.6380
Hunter-Lab	12.6219, 21.7369, 7.2139

Details

The Hex color **4D0007** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **004D46**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **843534**, and **0C0000** is the 20% darker color. If you saturate the color by 10%, you get **4D0007**, and if you desaturate by 10%, it is **4D080E**.

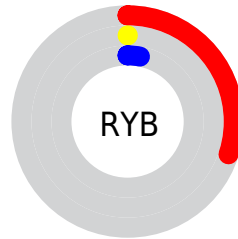
Distribution



Red (30%)

Green (0%)

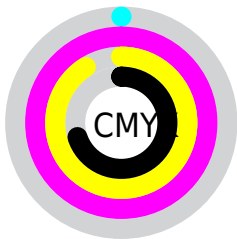
Blue (3%)



Red (30%)

Yellow (0%)

Blue (3%)

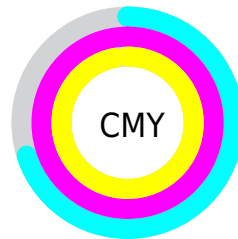


Cyan (0%)

Magenta (100%)

Yellow (91%)

Black (70%)



Cyan (70%)

Magenta (100%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D0007 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 4D0007 by changing the saturation by 10% instead.

 4D0007

 4D0007

 FFEFE7

 330000

 843534

 0C0000

 A04D4A

 000000

 BC6662

 DA807B

 F89B95

 FFB6B0

 FFD2CB

 4D0007

 4D080E

 4D0F15

 4D171C

 4D1F23

 4D272A

 4D2E31

 4D3638

 4D3E3F

 4D4546

Harmonies

Analogous

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



4D0025



4D0007



411400

Triad

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



4D0007



002B00



002658

Complementary

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



4D0007



004D46

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.



002B4F



4D0007



002D1F

Square

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



4D0007



132700



002D3A



161C52

Rectangle

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



4D0007



341D00



002D3A



002957

Sweetspot

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



4D0007



634648



45004D



332122



B3B3B3



333333

Same Dimension

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



4D0007



630009



4D1F00



262223



660009



E60015

Inverse Universe

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



4D0007



630009



002E4D



262223



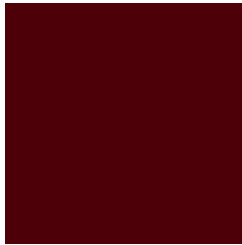
660009



E60015

Previews

White Background



This preview shows how the Hex color 4D0007 looks on a white background.

Color Contrast Check

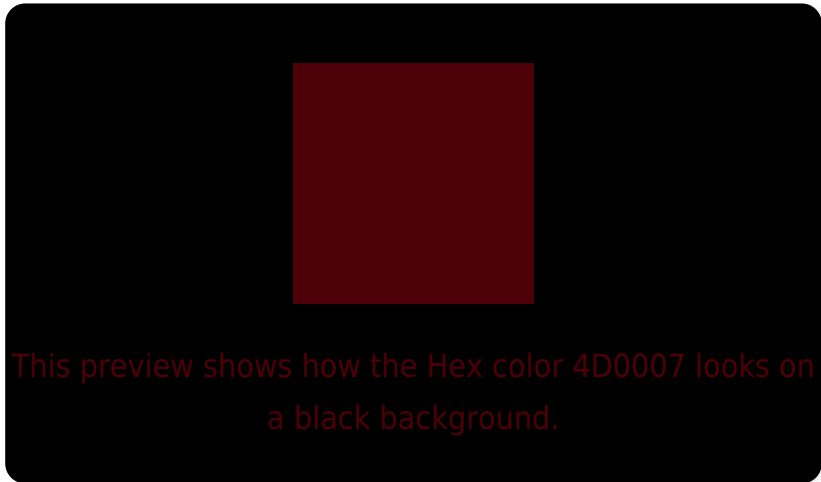
Large Text (above 18pt) WCAG AA ✓ Pass

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

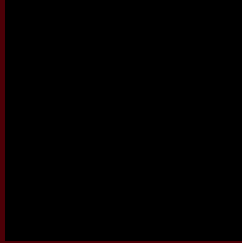
Any Text WCAG AA × Fail

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 4D0007 Background



This preview shows how black text looks on a background with the Hex color 4D0007.

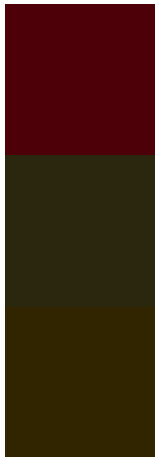


This preview shows how white text looks on a background with the Hex color 4D0007.

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
4D0007

Protanopia
2B270E

Deuteranopia
312500

Trichromacy

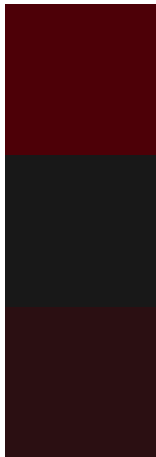


Original Color
4D0007

Protanomaly
37190B

Deuteranomaly
3B1803

Monochromacy



Original Color
4D0007

Achromatopsia
181818

Achromatomaly
2B0F12

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D0007 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 #4D0007 looks like.

```
.text, #text, p{  
    color:#4D0007  
}
```

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 #4D0007 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D0007
}
```

Border

The CSS property to change the border of an element to Hex 4D0007 is called "border". The border property can be set on classes, ids or directly on the HTML element.

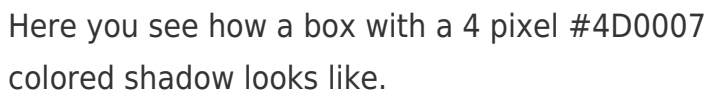
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D0007 }
```

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

```
.border{ border-color:#4D0007 }
```

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



Here you see how a box with a 4 pixel #4D0007 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D0007; -webkit-box-shadow:4px 4px  
4px 4px #4D0007; box-shadow:4px 4px 4px  
4px #4D0007 }
```

Background

The CSS property to change the background color of an element to Hex 4D0007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D0007 }
```

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

```
.background{ background-color:#4D0007 }
```

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