

Converting Colors

Hex(7F0007)

Have a look what the booklet for
Hex(7F0007) contains.

Hex(7F0007)	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(7F0007)

Conversions

Conversions Part 1

Format	Color
Hex	7F0007
RGB	127, 0, 7
RGB Percent	50%, 0%, 3%
CMY	0.5020, 1.0000, 0.9725
CMYK	0.00, 1.00, 0.94, 0.50
HSL	357°, 100%, 25%
HSV	357°, 100%, 50%
XYZ	8.7907, 4.5274, 0.6116
YIQ	38.7710, 73.4450, 29.1010

Conversions

Conversions Part 2

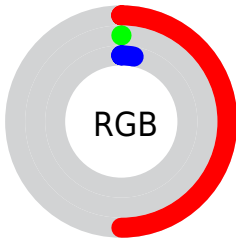
Format	Color
RYB	127, 0, 7
Decimal	8323079
CIELab	25.34, 47.91, 34.95
CIELCh	25, 59.304, 36.108
Yxy	4.5274, 0.6311, 0.3250
Android (android.graphics.Color)	4286513159 (0xFF7F0007)
YUV	38.7710, -15.6631, 77.3768
Hunter-Lab	21.2776, 36.5106, 13.1902

Details

The Hex color **7F0007** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **007F78**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **BB4234**, and **440000** is the 20% darker color. If you saturate the color by 10%, you get **7F0007**, and if you desaturate by 10%, it is **7F0D13**.

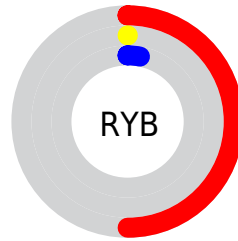
Distribution



Red (50%)

Green (0%)

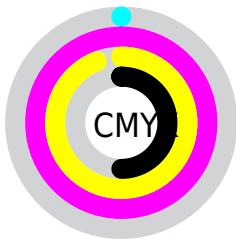
Blue (3%)



Red (50%)

Yellow (0%)

Blue (3%)

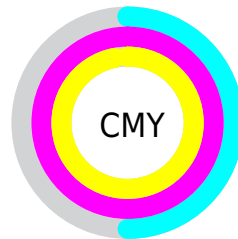


Cyan (0%)

Magenta (100%)

Yellow (94%)

Black (50%)



Cyan (50%)

Magenta (100%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F0007 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 7F0007 by changing the saturation by 10% instead.

 7F0007

 7F0007

 FFFFE9

 610000

 BB4234

 440000

 DA5D4B

 290001

 F97863

 000000

 FF937C

 FFAF96

 FFCBB1

 FFE8CC

 7F0007

 7F0D13

 7F191F

 7F262B

 7F3337

 7F4043

 7F4C4F

 7F595B

 7F6667

 7F7273

Harmonies

Analogous

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



870035



7F0007



662B00

Triad

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



7F0007



004C14



004097

Complementary

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



7F0007



007F78

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.



004A8F



7F0007



004D45

Square

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



7F0007



094700



004E71



422A86

Rectangle

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



7F0007



503900



004E71



004498

Sweetspot

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



7F0007



A67477



77007F



543638



D4D4D4



545454

Same Dimension

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



7F0007



A60009



7F3700



40393A



800007



000000

Inverse Universe

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



7F0007



A60009



00487F



40393A



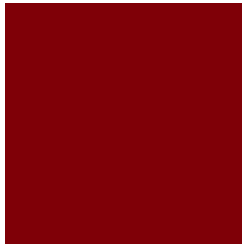
800007



000000

Previews

White Background



This preview shows how the Hex color 7F0007 looks on a white background.

Color Contrast Check

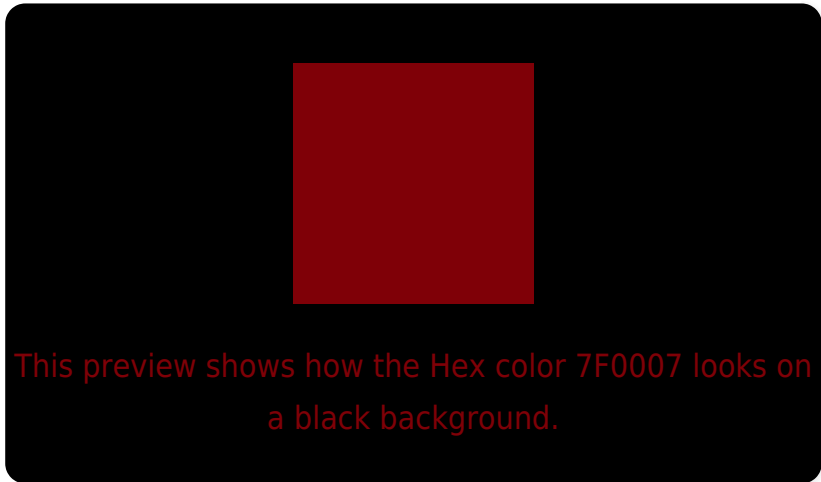
Large Text (above 18pt) WCAG AA ✓ Pass

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 7F0007 Background



This preview shows how black text looks on a background with the Hex color 7F0007.



This preview shows how white text looks on a background with the Hex color 7F0007.

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
7F0007

Protanopia
484013

Deuteranopia
513D00



Tritanopia
7E0C00

Trichromacy



Original Color
7F0007

Protanomaly
5C290F

Deuteranomaly
622703

Tritanomaly
7E0803

Monochromacy



Original Color
7F0007

Achromatopsia
272727

Achromatomaly
47191B

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F0007 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 #7F0007 looks like.

```
.text, #text, p{  
    color:#7F0007  
}
```

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 #7F0007 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F0007
}
```

Border

The CSS property to change the border of an element to Hex 7F0007 is called "border". The border property can be set on classes, ids or directly on the HTML element.

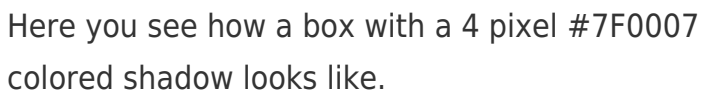
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F0007 }
```

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

```
.border{ border-color:#7F0007 }
```

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



Here you see how a box with a 4 pixel #7F0007 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F0007; -webkit-box-shadow:4px 4px  
4px 4px #7F0007; box-shadow:4px 4px 4px  
4px #7F0007 }
```

Background

The CSS property to change the background color of an element to Hex 7F0007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F0007 }
```

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

```
.background{ background-color:#7F0007 }
```

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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