

Converting Colors

Hex(FF0007)

Have a look what the booklet for
Hex(FF0007) contains.

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Color

Hex(F0007)

Conversions

Conversions Part 1

Format	Color
Hex	FF0007
RGB	255, 0, 7
RGB Percent	100%, 0%, 3%
CMY	0.0000, 1.0000, 0.9725
CMYK	0.00, 1.00, 0.97, 0.00
HSL	358°, 100%, 50%
HSV	358°, 100%, 100%
XYZ	41.2784, 21.2753, 2.1320
YIQ	77.0430, 149.7330, 56.2370

Conversions

Conversions Part 2

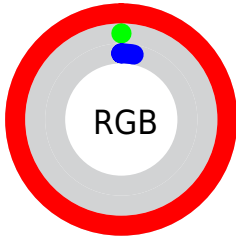
Format	Color
R_{YB}	255, 0, 7
Decimal	16711687
CIE _{Lab}	53.25, 80.15, 65.49
CIE _{LCh}	53, 103.507, 39.250
Yxy	21.2753, 0.6381, 0.3289
Android (android.graphics.Color)	4294901767 (0xFFFF0007)
YUV	77.0430, -34.5312, 156.0683
Hunter-Lab	46.1252, 79.0241, 29.5472

Details

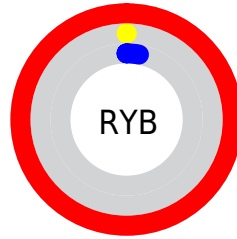
The Hex color **FF0007** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **00FFF8**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **FF603F**, and **BB0000** is the 20% darker color. If you saturate the color by 10%, you get **FF0007**, and if you desaturate by 10%, it is **FF1920**.

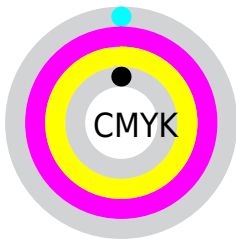
Distribution



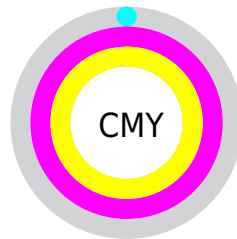
- Red (100%)
- Green (0%)
- Blue (3%)



- Red (100%)
- Yellow (0%)
- Blue (3%)



- Cyan (0%)
- Magenta (100%)
- Yellow (97%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF0007 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 FF0007 by changing the saturation by 10% instead.

 FF0007

 FF0007

 FFFFFC

 DD0000

 FF603F

 BB0000

 FF8058

 9A0000

 FF9F72

 790001

 FFBD8C

 5A0004

 FFDBA7

 3A0002

 FFFAC3

 130000

 FFFFDF

 000000

 FF0007

 FF1920

 FF3339

 FF4D51

 FF666A

 FF8083

 FF999C

 FF8083

 FFCCCD

 FFE6E6

Harmonies

Analogous

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



FF0069



FF0007



CC6200

Triad

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



FF0007



009E39



0084FF

Complementary

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



FF0007



00FFF8

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.



009AFF



FF0007



00A19A

Square

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



FF0007



009600



00A1F0



9A54FF

Rectangle

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



FF0007



9D7C00



00A1F0



008DFF

Sweetspot

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



FF0007



FFB3B5



F700FF



805253



000000



808080

Same Dimension

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



FF0007



FF7700



807373



BF0005



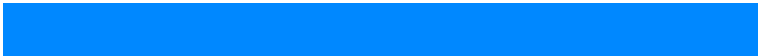
400002

Inverse Universe

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



FF0007



0088FF



807373



BF0005



400002

Previews

White Background



This preview shows how the Hex color FF0007 looks on a white background.

Color Contrast Check

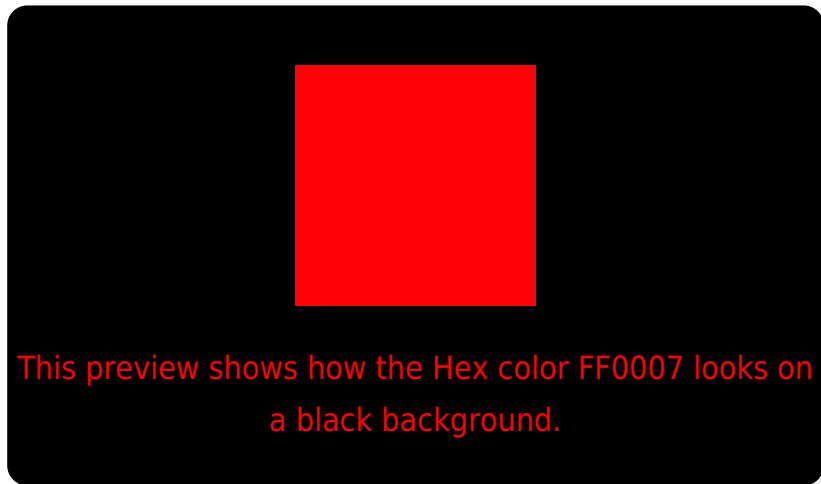
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex FF0007 Background



This preview shows how black text looks on a background with the Hex color FF0007.



This preview shows how white text looks on a background with the Hex color FF0007.

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
FF0007

Protanopia
908122

Deuteranopia
A27A00



Tritanopia
FD1800

Trichromacy



Original Color
FF0007



Protanomaly
B85218



Deuteranomaly
C44E03



Tritanomaly
FE0F03

Monochromacy



Original Color
FF0007



Achromatopsia
4D4D4D



Achromatomaly
8E3134

CSS Examples

Text

The CSS property to change the color of the text to Hex FF0007 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 #FF0007 looks like.

```
.text, #text, p{  
    color:#FF0007  
}
```

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 #FF0007 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF0007
}
```

Border

The CSS property to change the border of an element to Hex FF0007 is called "border". The border property can be set on classes, ids or directly on the HTML element.

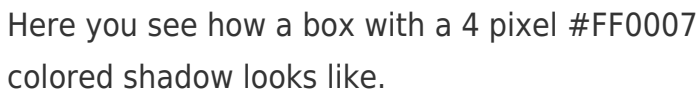
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF0007 }
```

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

```
.border{ border-color:#FF0007 }
```

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



Here you see how a box with a 4 pixel #FF0007 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF0007; -webkit-box-shadow:4px 4px  
4px 4px #FF0007; box-shadow:4px 4px 4px  
4px #FF0007 }
```

Background

The CSS property to change the background color of an element to Hex FF0007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF0007 }
```

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

```
.background{ background-color:#FF0007 }
```

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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