

Converting Colors

Hex(7F1003)

Have a look what the booklet for
Hex(7F1003) contains.

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Color

Hex(7F1003)

Conversions

Conversions Part 1

Format	Color
Hex	7F1003
RGB	127, 16, 3
RGB Percent	50%, 6%, 1%
CMY	0.5020, 0.9373, 0.9882
CMYK	0.00, 0.87, 0.98, 0.50
HSL	6°, 95%, 25%
HSV	6°, 98%, 50%
XYZ	8.9541, 4.8892, 0.5579
YIQ	47.7070, 70.3290, 19.4890

Conversions

Conversions Part 2

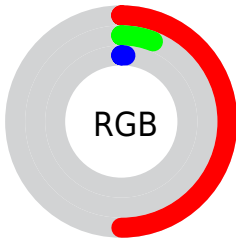
Format	Color
R_{YB}	127, 18, 3
Decimal	8327171
CIE _{Lab}	26.42, 44.68, 37.57
CIE _{LCh}	26, 58.372, 40.057
Yxy	4.8892, 0.6218, 0.3395
Android (android.graphics.Color)	4286517251 (0xFF7F1003)
YUV	47.7070, -22.0406, 69.5400
Hunter-Lab	22.1115, 33.5890, 13.9820

Details

The Hex color **7F1003** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **03727F**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **BB4931**, and **440000** is the 20% darker color. If you saturate the color by 10%, you get **7F0D00**, and if you desaturate by 10%, it is **7F1B10**.

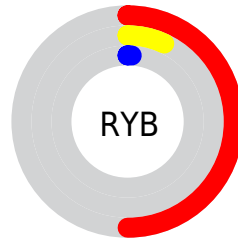
Distribution



Red (50%)

Green (6%)

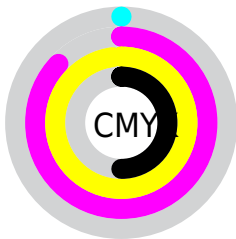
Blue (1%)



Red (50%)

Yellow (7%)

Blue (1%)

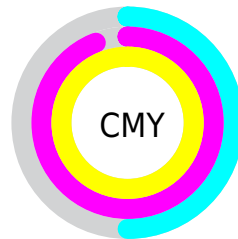


Cyan (0%)

Magenta (87%)

Yellow (98%)

Black (50%)



Cyan (50%)

Magenta (94%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F1003 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 7F1003 by changing the saturation by 10% instead.

 7F1003

 7F1003

 FFFFE6

 620000

 BB4931

 440000

 DA6348

 2A0001

 F97E60

 000000

 FF997A

 FFB594

 FFD1AE

 FFEECA

 7F1003

 7F1003

7F0D00

7F1B10

7F271C

7F3229

7F3D36

7F4942

7F544F

7F605C

7F6B69

7F7675

Harmonies

Analogous

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



890032



7F1003



653100

Triad

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



7F1003



004E1D



004098

Complementary

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



7F1003



03727F

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.



004C93



7F1003



00504D

Square

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



7F1003



004A00



005078



4F2984

Rectangle

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



7F1003



4E3D00



005078



004599

Sweetspot

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



7F1003



A67B76



7F0373



543A37



D4D4D4



545454

Same Dimension

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



7F1003



A61100



7F4D03



403A39



800D00



000000

Inverse Universe

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



03727F



0094A6



03357F



393F40



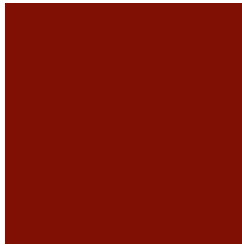
007280



000000

Previews

White Background



This preview shows how the Hex color 7F1003 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 7F1003 Background



This preview shows how black text looks on a background with the Hex color 7F1003.



This preview shows how white text looks on a background with the Hex color 7F1003.

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
7F1003

Protanopia
494110

Deuteranopia
523E00

Trichromacy



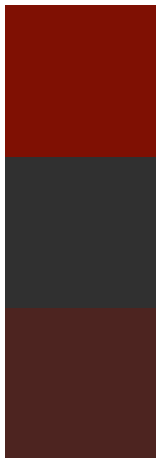
Original Color
7F1003

Protanomaly
5D2F0B

Deuteranomaly
622D01

Tritanomaly
7F0F09

Monochromacy



Original Color
7F1003

Achromatopsia
303030

Achromatomaly
4D2420

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F1003 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 #7F1003 looks like.

```
.text, #text, p{  
    color:#7F1003  
}
```

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 #7F1003 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F1003
}
```

Border

The CSS property to change the border of an element to Hex 7F1003 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".

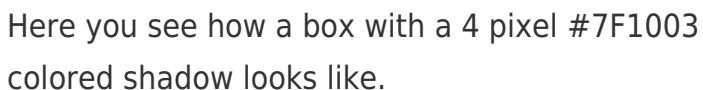
```
.border, #border, table{ border:4px solid
#7F1003 }
```

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

```
.border{ border-color:#7F1003 }
```

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

Here you see how a box with a 4 pixel #7F1003 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F1003; -webkit-box-shadow:4px 4px  
4px 4px #7F1003; box-shadow:4px 4px 4px  
4px #7F1003 }
```

Background

The CSS property to change the background color of an element to Hex 7F1003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F1003 }
```

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

```
.background{ background-color:#7F1003 }
```

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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