

# Converting Colors

Hex(7D001F)

Have a look what the booklet for  
Hex(7D001F) contains.

<b>Hex(7D001F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(7D001F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D001F
RGB	125, 0, 31
RGB Percent	49%, 0%, 12%
CMY	0.5098, 1.0000, 0.8784
CMYK	0.00, 1.00, 0.75, 0.51
HSL	345°, 100%, 25%
HSV	345°, 100%, 49%
XYZ	8.7048, 4.4589, 1.6982
YIQ	40.9090, 64.5490, 36.1410

# Conversions

## Conversions Part 2

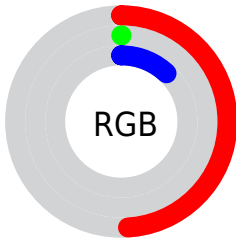
Format	Color
<a href="#">RYB</a>	<a href="#">125, 0, 31</a>
Decimal	<a href="#">8192031</a>
CIELab	<a href="#">25.13, 48.08, 20.95</a>
CIElCh	<a href="#">25, 52.442, 23.547</a>
Yxy	<a href="#">4.4589, 0.5857, 0.3000</a>
Android (android.graphics.Color)	<a href="#">4286382111 (0xFF7D001F)</a>
YUV	<a href="#">40.9090, -4.8851, 73.7478</a>
Hunter-Lab	<a href="#">21.1161, 36.6305, 10.0131</a>

# Details

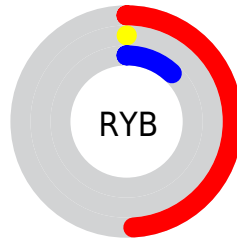
The Hex color **7D001F** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **007D5E**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **B8424B**, and **440000** is the 20% darker color. If you saturate the color by 10%, you get **7D001F**, and if you desaturate by 10%, it is **7D0C28**.

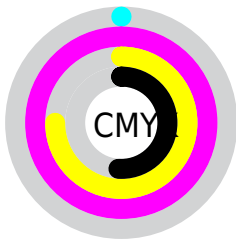
# Distribution



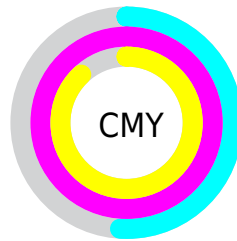
- Red (49%)
- Green (0%)
- Blue (12%)



- Red (49%)
- Yellow (0%)
- Blue (12%)



- Cyan (0%)
- Magenta (100%)
- Yellow (75%)
- Black (51%)



- Cyan (51%)
- Magenta (100%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D001F 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 7D001F by changing the saturation by 10% instead.



 7D001F

 7D001F

FFFFFF

 600008

 B8424B

 440000

 D65D62

 280001

 F5787B

 000000

 FF9395

 FFAFB0

 FFCBCB

 FFE8E7

 7D001F

 7D0C28

 7D1932

 7D263B

 7D3245

 7D3F4E

 7D4B57

 7D5761

 7D646A

 7D7174

# Harmonies

## Analogous

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



7B0046



7D001F



6D2300

# Triad

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



7D001F



004903



00448C

# Complementary

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



7D001F



007D5E

# 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.



004A7C



7D001F



004B31

# Square

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



7D001F



2C4300



004C5A



183586

# Rectangle

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



7D001F



5C3200



004C5A



004689



# Sweetspot

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



7D001F



A3727E



5E007D



52343C



D1D1D1



525252



# Same Dimension

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



7D001F



A30028



7D1F00



40393B



800020



000000



# Inverse Universe

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



7D001F



A30028



005E7D



40393B



800020

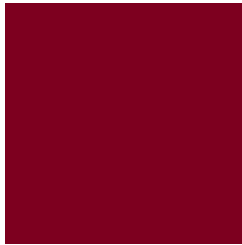


000000



# Previews

## White Background



This preview shows how the Hex color 7D001F looks on a white background.

## Color Contrast Check

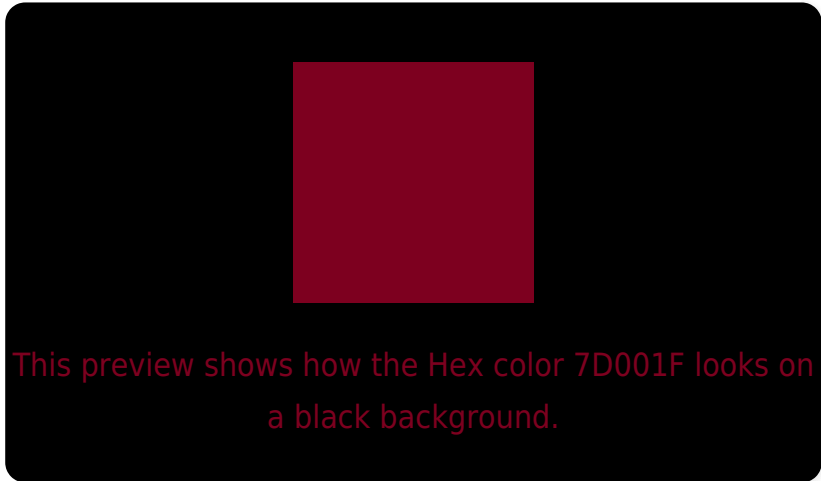
Large Text (above 18pt) WCAG AA ✓ Pass

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 7D001F Background



This preview shows how black text looks on a background with the Hex color 7D001F.



This preview shows how white text looks on a background with the Hex color 7D001F.

# 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**  
7D001F

**Protanopia**  
443F2F

**Deuteranopia**  
4F3C18



**Tritanopia**  
7D0D08

# Trichromacy



**Original Color**  
7D001F

**Protanomaly**  
592829

**Deuteranomaly**  
60261B

**Tritanomaly**  
7D0810

# Monochromacy



**Original Color**  
7D001F

**Achromatopsia**  
292929

**Achromatomaly**  
481A25

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D001F 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 #7D001F looks like.

```
.text, #text, p{  
  color:#7D001F  
}
```

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 #7D001F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D001F
}
```

## Border

The CSS property to change the border of an element to Hex 7D001F 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
#7D001F }
```

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

```
.border{ border-color:#7D001F }
```

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

Here you see how a box with a 4 pixel #7D001F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D001F; -webkit-box-shadow:4px 4px  
4px 4px #7D001F; box-shadow:4px 4px 4px  
4px #7D001F }
```

# Background

The CSS property to change the background color of an element to Hex 7D001F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D001F }
```

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

```
.background{ background-color:#7D001F }
```

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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