

Converting Colors

Hex(7D0220)

Have a look what the booklet for
Hex(7D0220) contains.

Hex(7D0220)	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(7D0220)

Conversions

Conversions Part 1

Format	Color
Hex	7D0220
RGB	125, 2, 32
RGB Percent	49%, 1%, 13%
CMY	0.5098, 0.9922, 0.8745
CMYK	0.00, 0.98, 0.74, 0.51
HSL	345°, 97%, 25%
HSV	345°, 98%, 49%
XYZ	8.7399, 4.5077, 1.7759
YIQ	42.1970, 63.6780, 35.4060

Conversions

Conversions Part 2

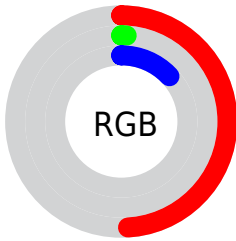
Format	Color
R_{YB}	125, 2, 32
Decimal	8192544
CIE _{Lab}	25.28, 47.73, 20.46
CIE _{LCh}	25, 51.933, 23.199
Yxy	4.5077, 0.5817, 0.3000
Android (android.graphics.Color)	4286382624 (0xFF7D0220)
YUV	42.1970, -5.0271, 72.6182
Hunter-Lab	21.2313, 36.3248, 9.9025

Details

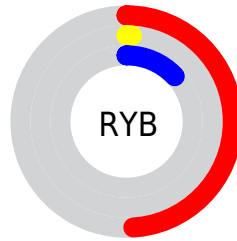
The Hex color **7D0220** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **027D5F**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **B8434C**, and **440000** is the 20% darker color. If you saturate the color by 10%, you get **7D001E**, and if you desaturate by 10%, it is **7D0E29**.

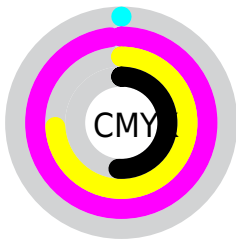
Distribution



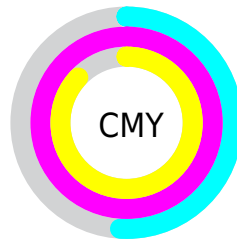
- Red (49%)
- Green (1%)
- Blue (13%)



- Red (49%)
- Yellow (1%)
- Blue (13%)



- Cyan (0%)
- Magenta (98%)
- Yellow (74%)
- Black (51%)



- Cyan (51%)
- Magenta (99%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D0220 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 7D0220 by changing the saturation by 10% instead.

 7D0220

 7D0220

FFFFFF

 60000A

 B8434C

 440000

 D65E64

 280001

 F5797C

 000000

 FF9496

 FFB0B1

 FFCCCC

 FFE9E9

 7D0220

 7D0220

■ 7D001E

■ 7D0E29

■ 7D1B33

■ 7D273C

■ 7D3446

■ 7D414F

■ 7D4D59

■ 7D5A62

■ 7D666C

■ 7D7275

Harmonies

Analogous

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



7B0047



7D0220



6E2400

Triad

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



7D0220



004904



00448B

Complementary

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



7D0220



027D5F

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.



004A7B



7D0220



004B31

Square

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



7D0220



2E4300



004C5A



183685

Rectangle

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



7D0220



5C3200



004C5A



004788

Sweetspot

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



7D0220



A3727E



5E027D



52343B



D1D1D1



525252

Same Dimension

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



7D0220



A30028



7D2102



40393B



80001F



000000

Inverse Universe

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



7D0220



A30028



025E7D



40393B



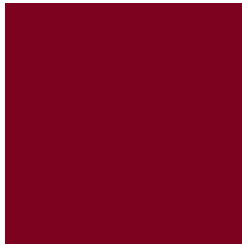
80001F



000000

Previews

White Background



This preview shows how the Hex color 7D0220 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

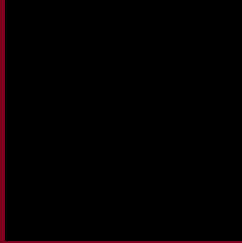
Any Text WCAG AA × Fail

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 7D0220 Background



This preview shows how black text looks on a background with the Hex color 7D0220.

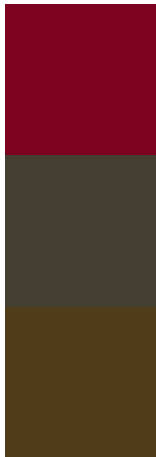


This preview shows how white text looks on a background with the Hex color 7D0220.

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
7D0220

Protanopia
443F30

Deuteranopia
4F3C19



Tritanopia
7D0D09

Trichromacy



Original Color
7D0220

Protanomaly
59292A

Deuteranomaly
60271C

Tritanomaly
7D0911

Monochromacy



Original Color
7D0220

Achromatopsia
2A2A2A

Achromatomaly
481B26

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D0220 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 #7D0220 looks like.

```
.text, #text, p{  
    color:#7D0220  
}
```

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 #7D0220 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D0220
}
```

Border

The CSS property to change the border of an element to Hex 7D0220 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".

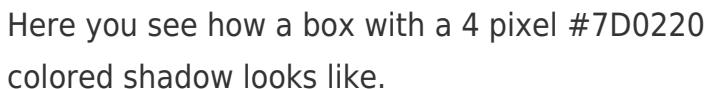
```
.border, #border, table{ border:4px solid
#7D0220 }
```

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

```
.border{ border-color:#7D0220 }
```

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

Here you see how a box with a 4 pixel #7D0220 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D0220; -webkit-box-shadow:4px 4px  
4px 4px #7D0220; box-shadow:4px 4px 4px  
4px #7D0220 }
```

Background

The CSS property to change the background color of an element to Hex 7D0220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D0220 }
```

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

```
.background{ background-color:#7D0220 }
```

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