

Converting Colors

Hex(7D0949)

Have a look what the booklet for
Hex(7D0949) contains.

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Color

Hex(7D0949)

Conversions

Conversions Part 1

Format	Color
Hex	7D0949
RGB	125, 9, 73
RGB Percent	49%, 4%, 29%
CMY	0.5098, 0.9647, 0.7137
CMYK	0.00, 0.93, 0.42, 0.51
HSL	327°, 87%, 26%
HSV	327°, 93%, 49%
XYZ	9.7577, 5.0364, 6.7612
YIQ	50.9800, 48.5920, 44.4960

Conversions

Conversions Part 2

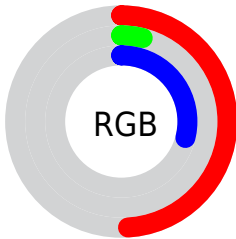
Format	Color
R_{YB}	125, 9, 73
Decimal	8194377
CIE _{Lab}	26.84, 49.47, -5.34
CIE _{LCh}	27, 49.761, 353.840
Yxy	5.0364, 0.4527, 0.2336
Android (android.graphics.Color)	4286384457 (0xFF7D0949)
YUV	50.9800, 10.8559, 64.9155
Hunter-Lab	22.4419, 38.3384, -2.1532

Details

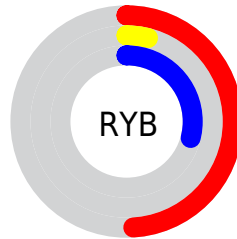
The Hex color **7D0949** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **097D3D**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **B64879**, and **46001E** is the 20% darker color. If you saturate the color by 10%, you get **7D0045**, and if you desaturate by 10%, it is **7D154F**.

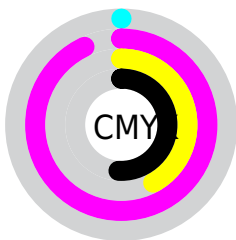
Distribution



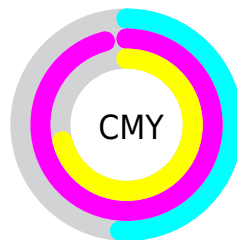
- Red (49%)
- Green (4%)
- Blue (29%)



- Red (49%)
- Yellow (4%)
- Blue (29%)



- Cyan (0%)
- Magenta (93%)
- Yellow (42%)
- Black (51%)



- Cyan (51%)
- Magenta (96%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D0949 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 7D0949 by changing the saturation by 10% instead.

 7D0949

 7D0949

FFFFFF

 610033

 B64879

 46001E

 D36293

 2F0002

 F07DAE

 000000

 FF99C9

 FFB5E5

 FFD1FF

 FFEEFF

 7D0949

 7D0949

■ 7D0045

■ 7D154F

■ 7D2254

■ 7D2E5A

■ 7D3B5F

■ 7D4765

■ 7D546B

■ 7D6070

■ 7D6D76

■ 7D797B

Harmonies

Analogous

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



64236D



7D0949



7F1124

Triad

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



7D0949



324600



004E7D

Complementary

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



7D0949



097D3D

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.



00505D



7D0949



004C0C

Square

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



7D0949



553B00



004F36



00478C

Rectangle

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



7D0949



76220A



004F36



004F74

Sweetspot

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



7D0949



A3768F



3B097D



523645



D1D1D1



525252

Same Dimension

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



7D0949



A3005A



7D0911



40393D



800046



000000

Inverse Universe

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



7D0949



A3005A



097D75



40393D



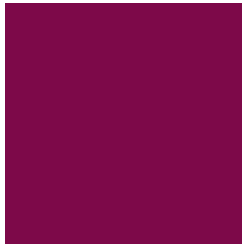
800046



000000

Previews

White Background



This preview shows how the Hex color 7D0949 looks on a white background.

Color Contrast Check

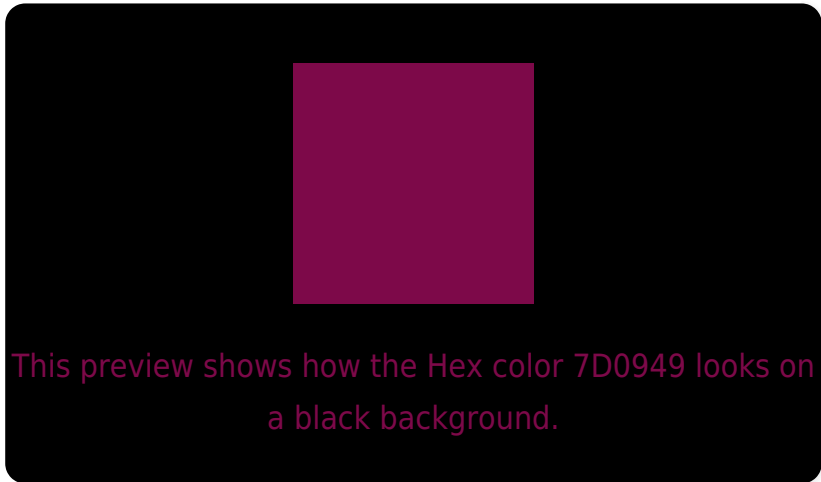
Large Text (above 18pt) WCAG AA ✓ Pass

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 7D0949 Background



This preview shows how black text looks on a background with the Hex color 7D0949.

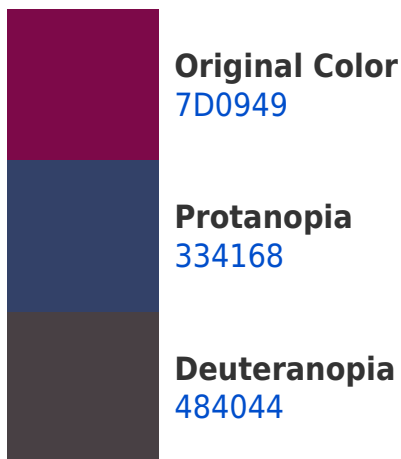


This preview shows how white text looks on a background with the Hex color 7D0949.

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





Tritanopia
7B1E1F

Trichromacy



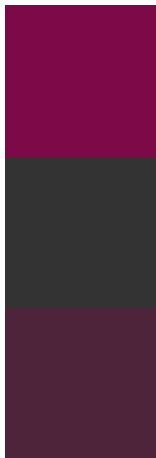
Original Color
7D0949

Protanomaly
4E2D5D

Deuteranomaly
5B2C46

Tritanomaly
7C162E

Monochromacy



Original Color
7D0949

Achromatopsia
333333

Achromatomaly
4E243B

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D0949 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 #7D0949 looks like.

```
.text, #text, p{  
    color:#7D0949  
}
```

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 #7D0949 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D0949
}
```

Border

The CSS property to change the border of an element to Hex 7D0949 is called "border". The border property can be set on classes, ids or directly on the HTML element.

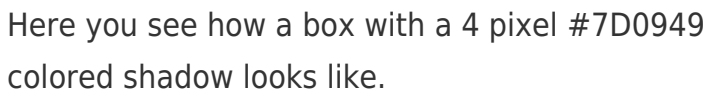
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D0949 }
```

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

```
.border{ border-color:#7D0949 }
```

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



Here you see how a box with a 4 pixel #7D0949 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D0949; -webkit-box-shadow:4px 4px  
4px 4px #7D0949; box-shadow:4px 4px 4px  
4px #7D0949 }
```

Background

The CSS property to change the background color of an element to Hex 7D0949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D0949 }
```

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

```
.background{ background-color:#7D0949 }
```

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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awesome pro features!

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