

Converting Colors

Hex(7D0053)

Have a look what the booklet for
Hex(7D0053) contains.

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Color

Hex(7D0053)

Conversions

Conversions Part 1

Format	Color
Hex	7D0053
RGB	125, 0, 83
RGB Percent	49%, 0%, 33%
CMY	0.5098, 1.0000, 0.6745
CMYK	0.00, 1.00, 0.34, 0.51
HSL	320°, 100%, 25%
HSV	320°, 100%, 49%
XYZ	10.0188, 4.9845, 8.6177
YIQ	46.8370, 47.8570, 52.3130

Conversions

Conversions Part 2

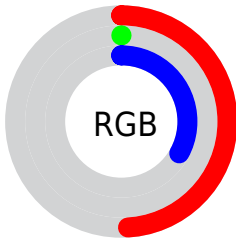
Format	Color
R_{YB}	125, 0, 83
Decimal	8192083
CIE _{Lab}	26.69, 52.18, -12.27
CIE _{LCh}	27, 53.601, 346.772
Yxy	4.9845, 0.4241, 0.2110
Android (android.graphics.Color)	4286382163 (0xFF7D0053)
YUV	46.8370, 17.8284, 68.5490
Hunter-Lab	22.3260, 41.0312, -7.2573

Details

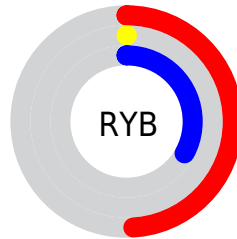
The Hex color **7D0053** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **007D2A**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **B54585**, and **470026** is the 20% darker color. If you saturate the color by 10%, you get **7D0053**, and if you desaturate by 10%, it is **7D0C57**.

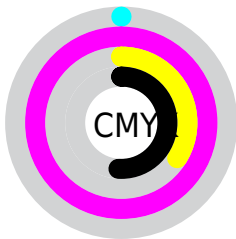
Distribution



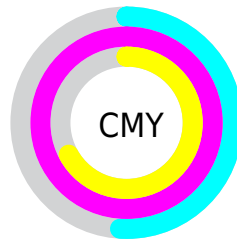
- Red (49%)
- Green (0%)
- Blue (33%)



- Red (49%)
- Yellow (0%)
- Blue (33%)



- Cyan (0%)
- Magenta (100%)
- Yellow (34%)
- Black (51%)



- Cyan (51%)
- Magenta (100%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D0053 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 7D0053 by changing the saturation by 10% instead.

 7D0053

 7D0053

FFFFFF

 62003C

 B54585

 470026

 D3609F

 2E0010

 F07BBA

 000000

 FF96D5

 FFB2F2

 FFCFFF

 FFE0FF

 7D0053

 7D0C57

 7D195B

 7D2660

 7D3264

 7D3F68

 7D4B6C

 7D5770

 7D6475

 7D7179

Harmonies

Analogous

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



5B2678



7D0053



84002A

Triad

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



7D0053



394400



004F7B

Complementary

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



7D0053



007D2A

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.



005056



7D0053



004C00

Square

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



7D0053



5D3700



004F2B



004990

Rectangle

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



7D0053



7D1610



004F2B



005070

Sweetspot

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



7D0053



A37293



2A007D



523448



D1D1D1



525252

Same Dimension

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



7D0053



A3006C



7D0015



40393E



800055



000000

Inverse Universe

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



7D0053



A3006C



007D68



40393E



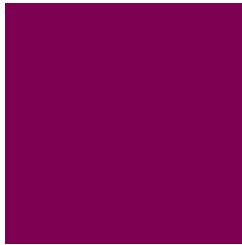
800055



000000

Previews

White Background



This preview shows how the Hex color 7D0053 looks on a white background.

Color Contrast Check

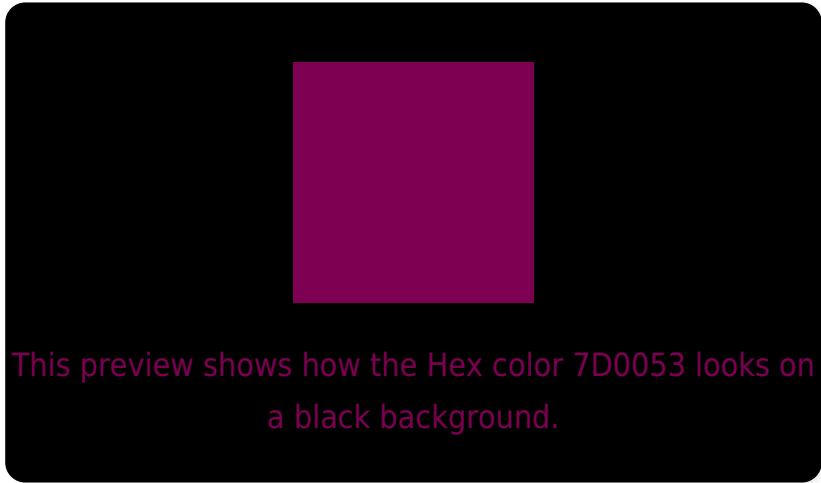
Large Text (above 18pt) WCAG AA ✓ Pass

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

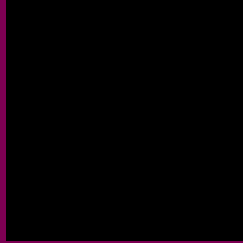
Any Text WCAG AA × Fail

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 7D0053 Background



This preview shows how black text looks on a background with the Hex color 7D0053.



This preview shows how white text looks on a background with the Hex color 7D0053.

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
7D0053

Protanopia
2A4177

Deuteranopia
44414D

Trichromacy



Original Color
7D0053

Protanomaly
48296A

Deuteranomaly
59294F

Tritanomaly
7B1534

Monochromacy



Original Color
7D0053

Achromatopsia
2F2F2F

Achromatomaly
4B1E3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D0053 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 #7D0053 looks like.

```
.text, #text, p{  
    color:#7D0053  
}
```

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 #7D0053 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D0053
}
```

Border

The CSS property to change the border of an element to Hex 7D0053 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
#7D0053 }
```

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

```
.border{ border-color:#7D0053 }
```

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

Here you see how a box with a 4 pixel #7D0053 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D0053; -webkit-box-shadow:4px 4px  
4px 4px #7D0053; box-shadow:4px 4px 4px  
4px #7D0053 }
```

Background

The CSS property to change the background color of an element to Hex 7D0053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D0053 }
```

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

```
.background{ background-color:#7D0053 }
```

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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