

Converting Colors

Hex(7D1857)

Have a look what the booklet for
Hex(7D1857) contains.

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Color

Hex(7D1857)

Conversions

Conversions Part 1

Format	Color
Hex	7D1857
RGB	125, 24, 87
RGB Percent	49%, 9%, 34%
CMY	0.5098, 0.9059, 0.6588
CMYK	0.00, 0.81, 0.30, 0.51
HSL	323°, 68%, 29%
HSV	323°, 81%, 49%
XYZ	10.5044, 5.7014, 9.5637
YIQ	61.3810, 39.9730, 41.0050

Conversions

Conversions Part 2

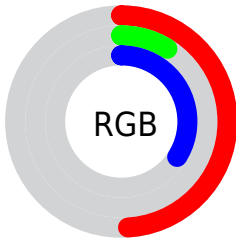
Format	Color
R_{YB}	125, 24, 87
Decimal	8198231
CIE Lab	28.65, 47.51, -11.93
CIE LCh	29, 48.980, 345.906
Yxy	5.7014, 0.4076, 0.2212
Android (android.graphics.Color)	4286388311 (0xFF7D1857)
YUV	61.3810, 12.6302, 55.7939
Hunter-Lab	23.8775, 36.7414, -7.0331

Details

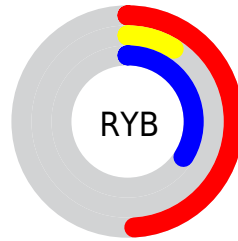
The Hex color **7D1857** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **187D3E**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **B55089**, and **47002A** is the 20% darker color. If you saturate the color by 10%, you get **7D0C52**, and if you desaturate by 10%, it is **7D255C**.

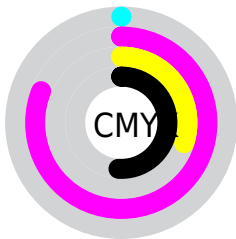
Distribution



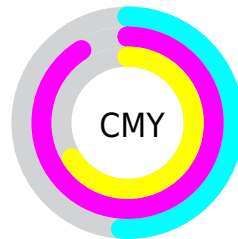
- Red (49%)
- Green (9%)
- Blue (34%)



- Red (49%)
- Yellow (9%)
- Blue (34%)



- Cyan (0%)
- Magenta (81%)
- Yellow (30%)
- Black (51%)



- Cyan (51%)
- Magenta (91%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D1857 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 7D1857 by changing the saturation by 10% instead.

 7D1857

 7D1857

FFFFFF

 620040

 B55089

 47002A

 D26AA3

 300015

 EF85BE

 000000

 FFA0DA

 FFBCF7

 FFD9FF

 FFF6FF

 7D1857

 7D1857

■ 7D0C52

■ 7D255C

■ 7D004E

■ 7D3160

■ 7D3D65

■ 7D4A6A

■ 7D566F

■ 7D6373

■ 7D7078

■ 7D7C7D

■ 7D8981

Harmonies

Analogous

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



5D2E79



7D1857



851431

Triad

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



7D1857



414800



00537A

Complementary

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



7D1857



187D3E

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.



005457



7D1857



094F05

Square

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



7D1857



623B00



005330



004D8D

Rectangle

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



7D1857



7F2119



005330



00536F

Sweetspot

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



7D1857



A37C94



3D187D



523A49



D1D1D1



525252

Same Dimension

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



7D1857



A30568



7D1825



40393D



800050



000000

Inverse Universe

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



7D1857



A30568



187D70



40393D



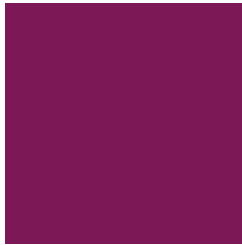
800050



000000

Previews

White Background



This preview shows how the Hex color 7D1857 looks on a white background.

Color Contrast Check

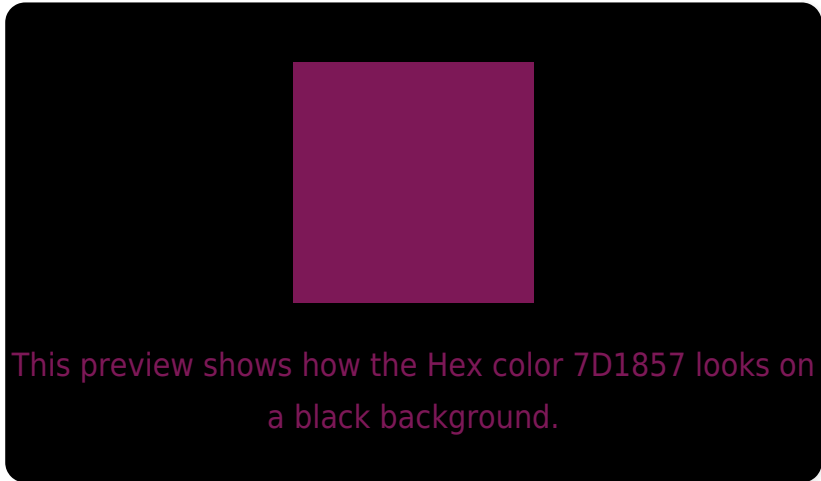
Large Text (above 18pt) WCAG AA ✓ Pass

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

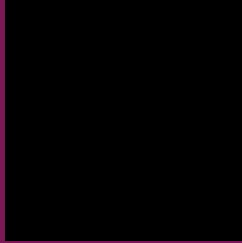
Any Text WCAG AA × Fail

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 7D1857 Background



This preview shows how black text looks on a background with the Hex color 7D1857.



This preview shows how white text looks on a background with the Hex color 7D1857.

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
7D1857

Protanopia
304476

Deuteranopia
464452



Tritanopia
7A282A

Trichromacy



Original Color
7D1857

Protanomaly
4C346B

Deuteranomaly
5A3454

Tritanomaly
7B223A

Monochromacy



Original Color
7D1857

Achromatopsia
3D3D3D

Achromatomaly
543046

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D1857 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 #7D1857 looks like.

```
.text, #text, p{  
    color:#7D1857  
}
```

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 #7D1857 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D1857
}
```

Border

The CSS property to change the border of an element to Hex 7D1857 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
#7D1857 }
```

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

```
.border{ border-color:#7D1857 }
```

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

Here you see how a box with a 4 pixel #7D1857 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D1857; -webkit-box-shadow:4px 4px  
4px 4px #7D1857; box-shadow:4px 4px 4px  
4px #7D1857 }
```

Background

The CSS property to change the background color of an element to Hex 7D1857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D1857 }
```

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

```
.background{ background-color:#7D1857 }
```

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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