

Converting Colors

Hex(7D2178)

Have a look what the booklet for
Hex(7D2178) contains.

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Color

Hex(7D2178)

Conversions

Conversions Part 1

Format	Color
Hex	7D2178
RGB	125, 33, 120
RGB Percent	49%, 13%, 47%
CMY	0.5098, 0.8706, 0.5294
CMYK	0.00, 0.74, 0.04, 0.51
HSL	303°, 58%, 31%
HSV	303°, 74%, 49%
XYZ	12.3915, 6.8038, 18.4295
YIQ	70.4260, 26.9050, 46.5610

Conversions

Conversions Part 2

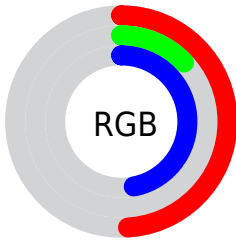
Format	Color
R_{YB}	125, 33, 120
Decimal	8200568
CIE _{Lab}	31.36, 49.41, -28.98
CIE _{LCh}	31, 57.284, 329.605
Yxy	6.8038, 0.3293, 0.1808
Android (android.graphics.Color)	4286390648 (0xFF7D2178)
YUV	70.4260, 24.4400, 47.8614
Hunter-Lab	26.0840, 39.1512, -23.6321

Details

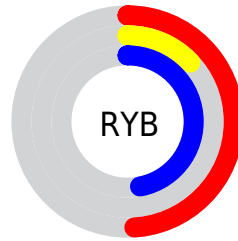
The Hex color **7D2178** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **217D26**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **B457AD**, and **480047** is the 20% darker color. If you saturate the color by 10%, you get **7D1577**, and if you desaturate by 10%, it is **7D2E79**.

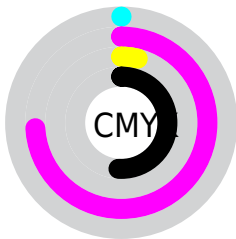
Distribution



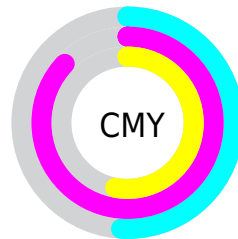
- Red (49%)
- Green (13%)
- Blue (47%)



- Red (49%)
- Yellow (13%)
- Blue (47%)



- Cyan (0%)
- Magenta (74%)
- Yellow (4%)
- Black (51%)



- Cyan (51%)
- Magenta (87%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D2178 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 7D2178 by changing the saturation by 10% instead.

 7D2178

 7D2178

FFFFFF

 62005F

 B457AD

 480047

 D172C8

 310030

 EE8DE4

 0F001A

 FFA8FF

 000000

 FFC4FF

 FFE1FF

 FFFEFF

 7D2178

 7D2178

■ 7D1577

■ 7D2E79

■ 7D0877

■ 7D3A79

■ 7D0076

■ 7D477A

■ 7D537B

■ 7D607B

■ 7D6C7C

■ 7D797D

■ 7D857D

■ 7D927E

Harmonies

Analogous

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



403E99



7D2178



94004C

Triad

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



7D2178



5C4800



005C75

Complementary

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



7D2178



217D26

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.



005C48



7D2178



2E5400

Square

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



7D2178



7D3400



005A17



005998

Rectangle

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



7D2178



95082F



005A17



005D67

Sweetspot

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



7D2178



A37FA1



26217D



523C50



D1D1D1



525252

Same Dimension

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



7D2178



A3149B



7D214A



40393F



800079



000000

Inverse Universe

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



7D2178



A3149B



217D54



40393F



800079



000000

Previews

White Background



This preview shows how the Hex color 7D2178 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

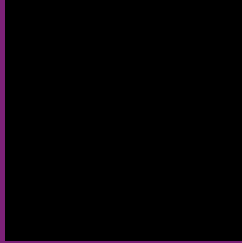
Any Text WCAG AA × Fail

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 7D2178 Background



This preview shows how black text looks on a background with the Hex color 7D2178.



This preview shows how white text looks on a background with the Hex color 7D2178.

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
7D2178

Protanopia
00489A

Deuteranopia
394B72



Tritanopia
76373A

Trichromacy



Original Color
7D2178



Protanomaly
2D3A8E



Deuteranomaly
523C74



Tritanomaly
792F51

Monochromacy



Original Color
7D2178



Achromatopsia
464646



Achromatomaly
5A3958

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D2178 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 #7D2178 looks like.

```
.text, #text, p{  
    color:#7D2178  
}
```

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 #7D2178 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D2178
}
```

Border

The CSS property to change the border of an element to Hex 7D2178 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
#7D2178 }
```

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

```
.border{ border-color:#7D2178 }
```

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

Here you see how a box with a 4 pixel #7D2178 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D2178; -webkit-box-shadow:4px 4px  
4px 4px #7D2178; box-shadow:4px 4px 4px  
4px #7D2178 }
```

Background

The CSS property to change the background color of an element to Hex 7D2178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D2178 }
```

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

```
.background{ background-color:#7D2178 }
```

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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