

Converting Colors

Hex(7D2875)

Have a look what the booklet for
Hex(7D2875) contains.

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Color

Hex(7D2875)

Conversions

Conversions Part 1

Format	Color
Hex	7D2875
RGB	125, 40, 117
RGB Percent	49%, 16%, 46%
CMY	0.5098, 0.8431, 0.5412
CMYK	0.00, 0.68, 0.06, 0.51
HSL	306°, 52%, 32%
HSV	306°, 68%, 49%
XYZ	12.4271, 7.1619, 17.5570
YIQ	74.1930, 25.9430, 41.9670

Conversions

Conversions Part 2

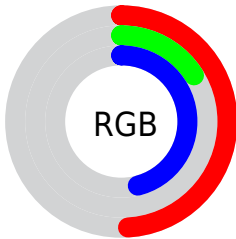
Format	Color
R_{YB}	125, 40, 117
Decimal	8202357
CIE _{Lab}	32.17, 46.13, -25.80
CIE _{LCh}	32, 52.858, 330.782
Yxy	7.1619, 0.3345, 0.1928
Android (android.graphics.Color)	4286392437 (0xFF7D2875)
YUV	74.1930, 21.1039, 44.5577
Hunter-Lab	26.7617, 36.0555, -20.1639

Details

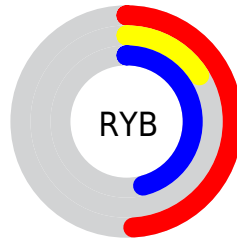
The Hex color **7D2875** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **287D30**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **B45CA9**, and **490044** is the 20% darker color. If you saturate the color by 10%, you get **7D1B74**, and if you desaturate by 10%, it is **7D3576**.

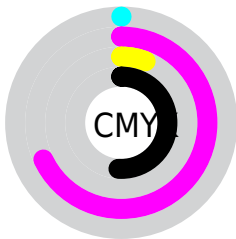
Distribution



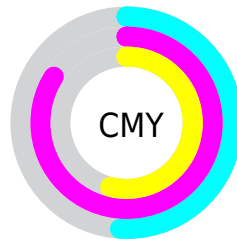
- Red (49%)
- Green (16%)
- Blue (46%)



- Red (49%)
- Yellow (16%)
- Blue (46%)



- Cyan (0%)
- Magenta (68%)
- Yellow (6%)
- Black (51%)



- Cyan (51%)
- Magenta (84%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D2875 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 7D2875 by changing the saturation by 10% instead.

 7D2875

 7D2875

FFFFFF

 62085C

 B45CA9

 490044

 D077C5

 31002E

 ED91E1

 110018

 FFADFE

 000000

 FFC9FF

 FFE6FF

 7D2875

 7D2875

 7D1B74

 7D3576

■ 7D0F73

■ 7D4177

■ 7D0371

■ 7D4E79

■ 7D0071

■ 7D5A7A

■ 7D677B

■ 7D737C

■ 7D807D

■ 7D8C7E

■ 7D9980

Harmonies

Analogous

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



484094



7D2875



92154C

Triad

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



7D2875



5C4A00



005D75

Complementary

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



7D2875



287D30

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.



005D4C



7D2875



325500

Square

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



7D2875



7C3900



005B20



005A94

Rectangle

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



7D2875



931B31



005B20



005E68

Sweetspot

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



7D2875



A383A0



2F287D



523E50



D1D1D1



525252

Same Dimension

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



7D2875



A31D97



7D284B



40393F



800074



000000

Inverse Universe

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



7D2875



A31D97



287D5A



40393F



800074



000000

Previews

White Background



This preview shows how the Hex color 7D2875 looks on a white background.

Color Contrast Check

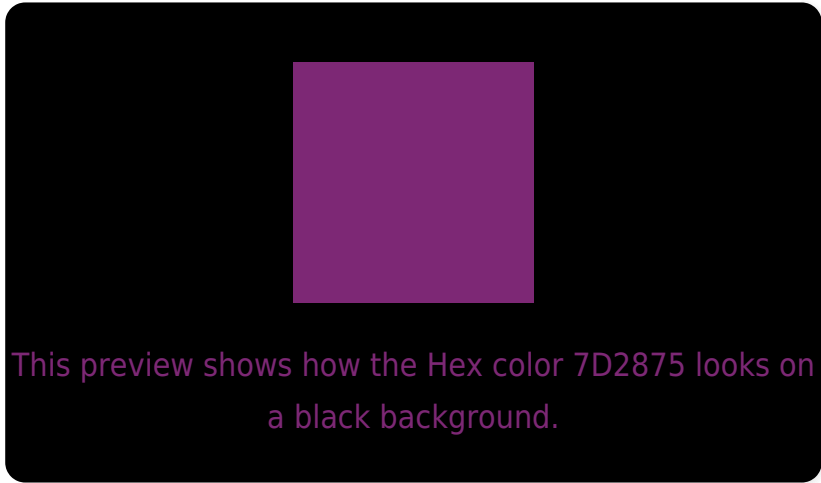
Large Text (above 18pt) WCAG AA ✓ Pass

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

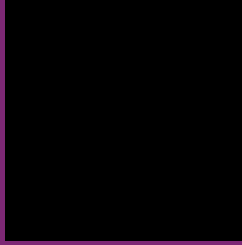
Any Text WCAG AA × Fail

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 7D2875 Background



This preview shows how black text looks on a background with the Hex color 7D2875.

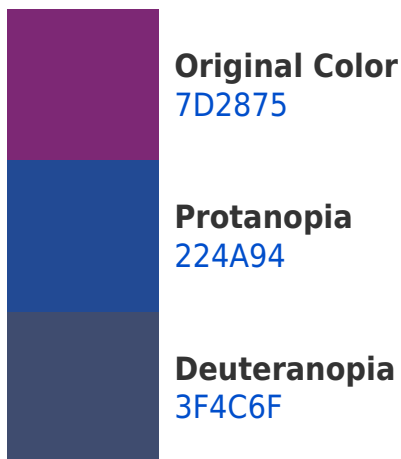



This preview shows how white text looks on a background with the Hex color 7D2875.

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
77393D

Trichromacy



Original Color
7D2875

Protanomaly
433E89

Deuteranomaly
563F71

Tritanomaly
793351

Monochromacy



Original Color
7D2875

Achromatopsia
4A4A4A

Achromatomaly
5D3E5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D2875 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 #7D2875 looks like.

```
.text, #text, p{  
    color:#7D2875  
}
```

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 #7D2875 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D2875 }  
}
```

Border

The CSS property to change the border of an element to Hex 7D2875 is called "border". The border property can be set on classes, ids or directly on the HTML element.

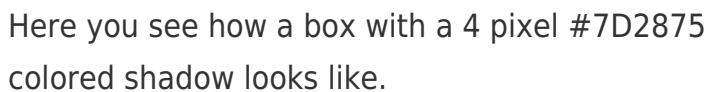
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #7D2875 }  
}
```

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

```
.border{ border-color:#7D2875 }
```

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



Here you see how a box with a 4 pixel #7D2875 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D2875; -webkit-box-shadow:4px 4px  
4px 4px #7D2875; box-shadow:4px 4px 4px  
4px #7D2875 }
```

Background

The CSS property to change the background color of an element to Hex 7D2875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D2875 }
```

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

```
.background{ background-color:#7D2875 }
```

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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