

Converting Colors

Hex(742183)

Have a look what the booklet for
Hex(742183) contains.

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Color

Hex(742183)

Conversions

Conversions Part 1

Format	Color
Hex	742183
RGB	116, 33, 131
RGB Percent	45%, 13%, 51%
CMY	0.5451, 0.8706, 0.4863
CMYK	0.11, 0.75, 0.00, 0.49
HSL	291°, 60%, 32%
HSV	291°, 75%, 51%
XYZ	11.8430, 6.4394, 22.0915
YIQ	68.9890, 18.0100, 48.0740

Conversions

Conversions Part 2

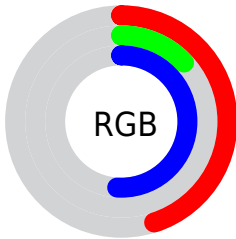
Format	Color
R _Y B	116, 33, 131
Decimal	7610755
CIE Lab	30.50, 49.32, -37.36
CIE LCh	30, 61.875, 322.860
Yxy	6.4394, 0.2933, 0.1595
Android (android.graphics.Color)	4285800835 (0xFF742183)
YUV	68.9890, 30.5714, 41.2286
Hunter-Lab	25.3760, 38.8985, -33.8526

Details

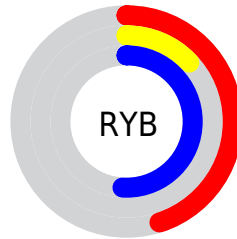
The Hex color **742183** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **308321**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **AB56B9**, and **400051** is the 20% darker color. If you saturate the color by 10%, you get **721483**, and if you desaturate by 10%, it is **762E83**.

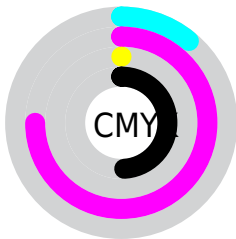
Distribution



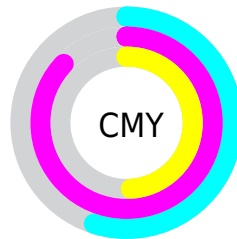
- Red (45%)
- Green (13%)
- Blue (51%)



- Red (45%)
- Yellow (13%)
- Blue (51%)



- Cyan (11%)
- Magenta (75%)
- Yellow (0%)
- Black (49%)



- Cyan (55%)
- Magenta (87%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 742183 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 742183 by changing the saturation by 10% instead.

■ 742183

■ 742183

FFFFFF

■ 5A0069

■ AB56B9

■ 400051

■ C771D5

■ 2A0039

■ E48BF1

■ 000023

■ FFA7FF

■ 000009

■ FFC3FF

■ 000000

■ FFDFFF

■ FFFDFF

■ 742183

■ 742183

■ 721483

■ 762E83

■ 700783

■ 783B83

■ 6F0083

■ 7A4883

■ 7C5583

■ 7E6283

■ 807083

■ 827D83

■ 848A83

■ 869783

Harmonies

Analogous

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



0E41A2



742183



940056

Triad

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



742183



624200



005B6C

Complementary

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



742183



308321

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.



005A3A



742183



355000

Square

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



742183



842900



005700



005A95

Rectangle

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



742183



990036



005700



005B5C

Sweetspot

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



742183



A585AB



213183



534057



D6D6D6



575757

Same Dimension

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



742183



9311AB



832162



413C42



6E0082



020003

Inverse Universe

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



832130



AB1129



218342



423C3D



820014



030000

Previews

White Background



This preview shows how the Hex color 742183 looks on a white background.

Color Contrast Check

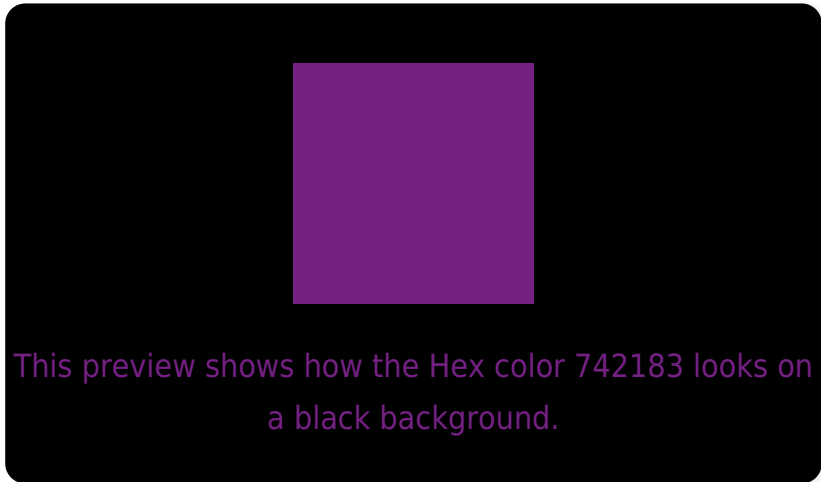
Large Text (above 18pt) WCAG AA ✓ Pass

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

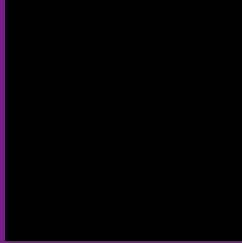
Any Text WCAG AA × Fail

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 742183 Background



This preview shows how black text looks on a background with the Hex color 742183.

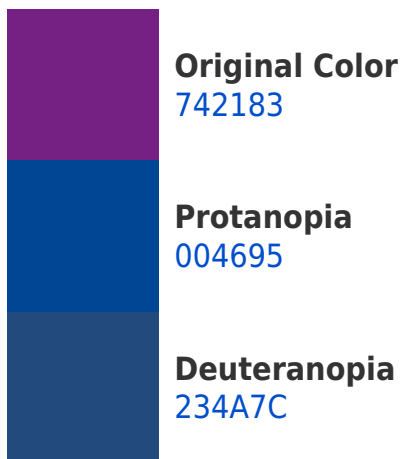


This preview shows how white text looks on a background with the Hex color 742183.

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
6B3A3E

Trichromacy



Original Color

742183



Protanomaly

2A398E



Deuteranomaly

403B7F



Tritanomaly

6E3157

Monochromacy



Original Color

742183



Achromatopsia

454545



Achromatomaly

56385C

CSS Examples

Text

The CSS property to change the color of the text to Hex 742183 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 #742183 looks like.

```
.text, #text, p{  
    color:#742183  
}
```

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 #742183 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #742183
}
```

Border

The CSS property to change the border of an element to Hex 742183 is called "border". The border property can be set on classes, ids or directly on the HTML element.

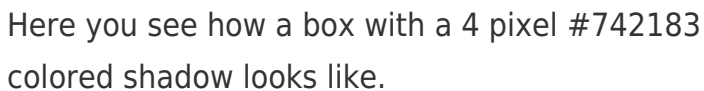
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#742183 }
```

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

```
.border{ border-color:#742183 }
```

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



Here you see how a box with a 4 pixel #742183 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #742183; -webkit-box-shadow:4px 4px  
4px 4px #742183; box-shadow:4px 4px 4px  
4px #742183 }
```

Background

The CSS property to change the background color of an element to Hex 742183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#742183 }
```

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

```
.background{ background-color:#742183 }
```

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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