

Converting Colors

Hex(784281)

Have a look what the booklet for
Hex(784281) contains.

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Color

Hex(784281)

Conversions

Conversions Part 1

Format	Color
Hex	784281
RGB	120, 66, 129
RGB Percent	47%, 26%, 51%
CMY	0.5294, 0.7412, 0.4941
CMYK	0.07, 0.49, 0.00, 0.49
HSL	291°, 32%, 38%
HSV	291°, 49%, 51%
XYZ	13.6564, 9.4745, 21.8779
YIQ	89.3280, 11.9610, 31.0410

Conversions

Conversions Part 2

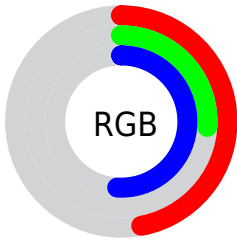
Format	Color
R_{YB}	120, 66, 129
Decimal	7881345
CIE _{Lab}	36.88, 33.94, -25.97
CIE _{LCh}	37, 42.733, 322.582
Yxy	9.4745, 0.3034, 0.2105
Android (android.graphics.Color)	4286071425 (0xFF784281)
YUV	89.3280, 19.5583, 26.8993
Hunter-Lab	30.7806, 25.3287, -20.5949

Details

The Hex color **784281** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4B8142**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **AE74B6**, and **45124F** is the 20% darker color. If you saturate the color by 10%, you get **763581**, and if you desaturate by 10%, it is **7A4F81**.

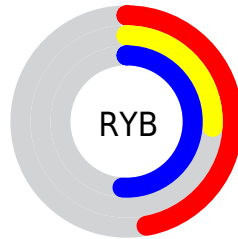
Distribution



Red (47%)

Green (26%)

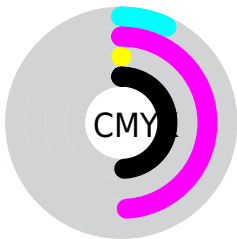
Blue (51%)



Red (47%)

Yellow (26%)

Blue (51%)

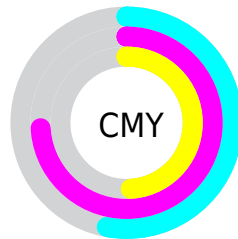


Cyan (7%)

Magenta (49%)

Yellow (0%)

Black (49%)



Cyan (53%)

Magenta (74%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 784281 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 784281 by changing the saturation by 10% instead.

 784281

 784281

FFFFFF

 5E2A68

 AE74B6

 45124F

 CA8ED2

 2D0038

 E6A9EE

 170022

 FFC4FF

 000008

 FFE1FF

 000000

FFFEFF

 784281

 784281

 763581

 7A4F81

742881

7C5C81

721B81

7E6981

710E81

7F7681

6F0281

818381

6F0081

838F81

859C81

87A981

89B681

Harmonies

Analogous

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



475197



784281



903661

Triad

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



784281



6F5209



006770

Complementary

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



784281



4B8142

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.



00664D



784281



4F5D0F

Square

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



784281



884420



21632B



00648D

Rectangle

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



784281



95364A



21632B



006765

Sweetspot

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



784281



A58FA8



424B81



524554



D4D4D4



545454

Same Dimension

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



784281



9A45A8



81426B



3F3940



6D0080



000000

Inverse Universe

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



81424B



A84553



428158



40393A



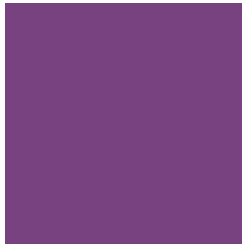
800012



000000

Previews

White Background



This preview shows how the Hex color 784281 looks on a white background.

Color Contrast Check

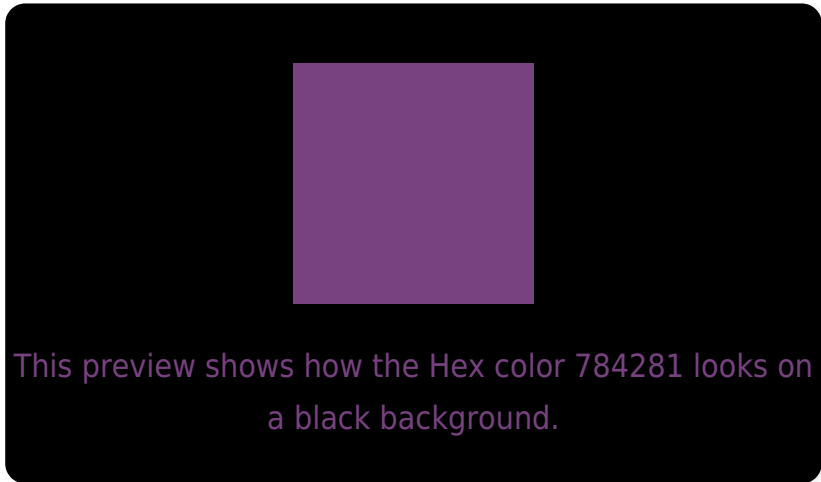
Large Text (above 18pt) WCAG AA ✓ Pass

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

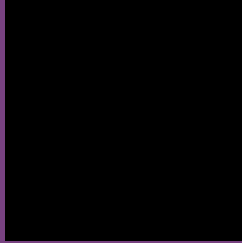
Any Text WCAG AA × Fail

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 784281 Background



This preview shows how black text looks on a background with the Hex color 784281.



This preview shows how white text looks on a background with the Hex color 784281.

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
724D53

Trichromacy



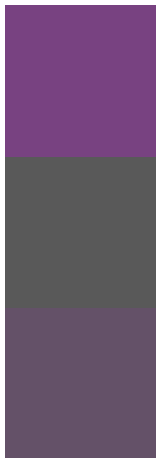
Original Color
784281

Protanomaly
534E8C

Deuteranomaly
5A4F7E

Tritanomaly
744964

Monochromacy



Original Color
784281

Achromatopsia
595959

Achromatomaly
645168

CSS Examples

Text

The CSS property to change the color of the text to Hex 784281 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 #784281 looks like.

```
.text, #text, p{  
    color:#784281  
}
```

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 #784281 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #784281
}
```

Border

The CSS property to change the border of an element to Hex 784281 is called "border". The border property can be set on classes, ids or directly on the HTML element.

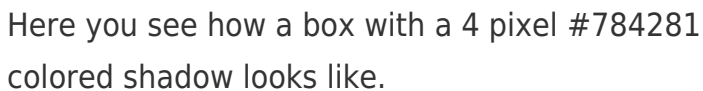
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#784281 }
```

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

```
.border{ border-color:#784281 }
```

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



Here you see how a box with a 4 pixel #784281 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #784281; -webkit-box-shadow:4px 4px  
4px 4px #784281; box-shadow:4px 4px 4px  
4px #784281 }
```

Background

The CSS property to change the background color of an element to Hex 784281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#784281 }
```

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

```
.background{ background-color:#784281 }
```

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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