

Converting Colors

Hex(784271)

Have a look what the booklet for
Hex(784271) contains.

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Color

Hex(784271)

Conversions

Conversions Part 1

Format	Color
Hex	784271
RGB	120, 66, 113
RGB Percent	47%, 26%, 44%
CMY	0.5294, 0.7412, 0.5569
CMYK	0.00, 0.45, 0.06, 0.53
HSL	308°, 29%, 36%
HSV	308°, 45%, 47%
XYZ	12.6746, 9.0818, 16.7077
YIQ	87.5040, 17.0970, 26.0650

Conversions

Conversions Part 2

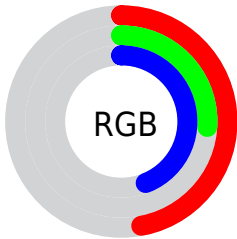
Format	Color
R_{YB}	120, 66, 113
Decimal	7881329
CIE _{Lab}	36.14, 30.70, -17.17
CIE _{LCh}	36, 35.178, 330.776
Yxy	9.0818, 0.3295, 0.2361
Android (android.graphics.Color)	4286071409 (0xFF784271)
YUV	87.5040, 12.5695, 28.4990
Hunter-Lab	30.1359, 22.3356, -11.7759

Details

The Hex color **784271** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **427849**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **AD74A5**, and **461341** is the 20% darker color. If you saturate the color by 10%, you get **78366F**, and if you desaturate by 10%, it is **784E73**.

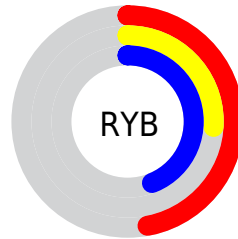
Distribution



Red (47%)

Green (26%)

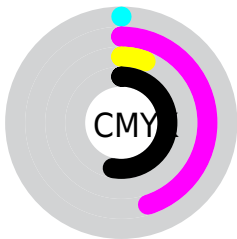
Blue (44%)



Red (47%)

Yellow (26%)

Blue (44%)

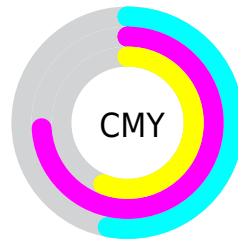


Cyan (0%)

Magenta (45%)

Yellow (6%)

Black (53%)



Cyan (53%)

Magenta (74%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 784271 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 784271 by changing the saturation by 10% instead.

 784271

 784271

FFFFFF

 5E2A58

 AD74A5

 461341

 C98EC0

 2E002B

 E6A8DC

 150016

 FFC4F9

 000000

 FFE0FF

 FFFDFF

 784271

 784271

 78366F

 784E73

782A6E

785A74

781E6C

786676

78126B

787277

780669

787E79

780068

788A7A

78967C

78A27D

78AE7F

Harmonies

Analogous

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



574D86



784271



883C55

Triad

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



784271



645419



006271

Complementary

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



784271



427849

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.



006355



784271



475C22

Square

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



784271



7A4924



206138



005F86

Rectangle

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



784271



893D43



206138



006368

Sweetspot

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



784271



9C8699



484278



4F424D



CFCFCF



4F4F4F

Same Dimension

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



784271



9C4891



784257



3D373C



7D006D



FC00DC

Inverse Universe

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



784271



9C4891



427863



3D373C



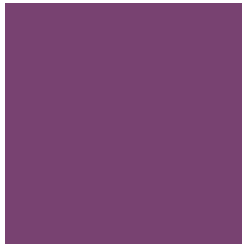
7D006D



FC00DC

Previews

White Background



This preview shows how the Hex color 784271 looks on a white background.

Color Contrast Check

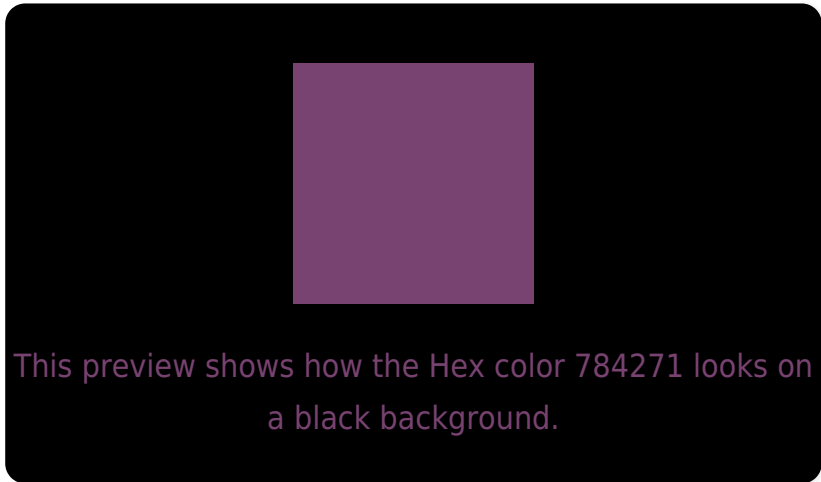
Large Text (above 18pt) WCAG AA ✓ Pass

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

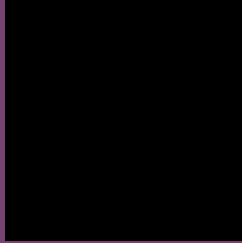
Any Text WCAG AA × Fail

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 784271 Background



This preview shows how black text looks on a background with the Hex color 784271.




This preview shows how white text looks on a background with the Hex color 784271.

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
74494F

Trichromacy



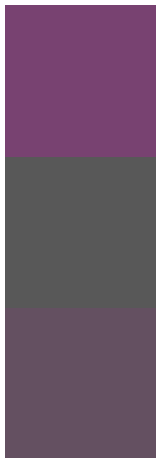
Original Color
784271

Protanomaly
594D7A

Deuteranomaly
5F4D6F

Tritanomaly
75465B

Monochromacy



Original Color
784271

Achromatopsia
585858

Achromatomaly
645061

CSS Examples

Text

The CSS property to change the color of the text to Hex 784271 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 #784271 looks like.

```
.text, #text, p{  
    color:#784271  
}
```

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 #784271 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #784271
}
```

Border

The CSS property to change the border of an element to Hex 784271 is called "border". The border property can be set on classes, ids or directly on the HTML element.

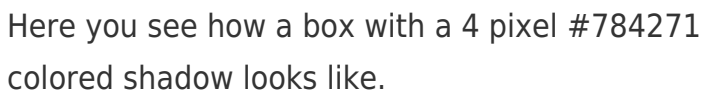
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#784271 }
```

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

```
.border{ border-color:#784271 }
```

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



Here you see how a box with a 4 pixel #784271 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #784271; -webkit-box-shadow:4px 4px  
4px 4px #784271; box-shadow:4px 4px 4px  
4px #784271 }
```

Background

The CSS property to change the background color of an element to Hex 784271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#784271 }
```

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

```
.background{ background-color:#784271 }
```

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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