

Converting Colors

Hex(785286)

Have a look what the booklet for
Hex(785286) contains.

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Color

Hex(785286)

Conversions

Conversions Part 1

Format	Color
Hex	785286
RGB	120, 82, 134
RGB Percent	47%, 32%, 53%
CMY	0.5294, 0.6784, 0.4745
CMYK	0.10, 0.39, 0.00, 0.47
HSL	284°, 24%, 42%
HSV	284°, 39%, 53%
XYZ	15.0661, 11.7489, 24.0279
YIQ	99.2900, 5.9560, 24.2280

Conversions

Conversions Part 2

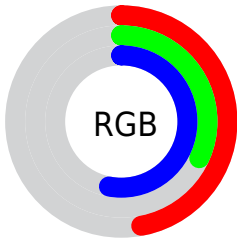
Format	Color
RYB	120, 82, 134
Decimal	7885446
CIELab	40.81, 25.71, -22.90
CIElCh	41, 34.432, 318.302
Yxy	11.7489, 0.2963, 0.2311
Android (android.graphics.Color)	4286075526 (0xFF785286)
YUV	99.2900, 17.1120, 18.1627
Hunter-Lab	34.2766, 18.4745, -17.5687

Details

The Hex color **785286** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **608652**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **AD84BB**, and **462454** is the 20% darker color. If you saturate the color by 10%, you get **744586**, and if you desaturate by 10%, it is **7C5F86**.

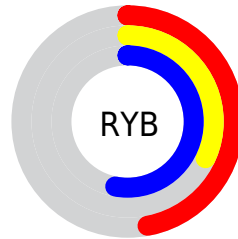
Distribution



Red (47%)

Green (32%)

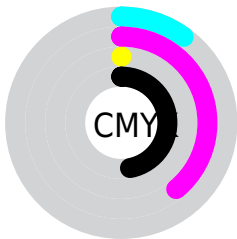
Blue (53%)



Red (47%)

Yellow (32%)

Blue (53%)

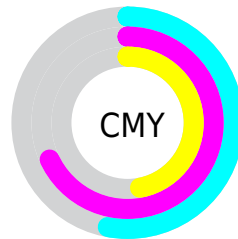


Cyan (10%)

Magenta (39%)

Yellow (0%)

Black (47%)



Cyan (53%)

Magenta (68%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 785286 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 785286 by changing the saturation by 10% instead.

 785286

 785286

FFFFFF

 5F3A6D

 AD84BB

 462454

 C99ED7

 2F0E3D

 E5BAF4

 1D0027

 FFD5FF

 000110

 FFF2FF


 000000

 785286

 785286

 744586

 7C5F86

 713786

 7F6D86

6D2A86

837A86

6A1C86

868886

660F86

8A9586

620286

8EA286

620086

91B086

95BD86

98CB86

Harmonies

Analogous

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



505D96



785286



8F4A6C

Triad

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



785286



7A5B28



006E71

Complementary

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



785286



608652

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.



016E54



785286



606428

Square

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



785286



8D5037



3F6A39



006C8A

Rectangle

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



785286



954859



3F6A39



006F67

Sweetspot

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



785286



A899AD



526186



534B57



D6D6D6



575757

Same Dimension

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



785286



975CAD



86527B



413C42



5F0082



020003

Inverse Universe

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



865260



AD5C72



52865D



423C3D



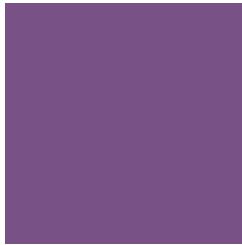
820023



030001

Previews

White Background



This preview shows how the Hex color 785286 looks on a white background.

Color Contrast Check

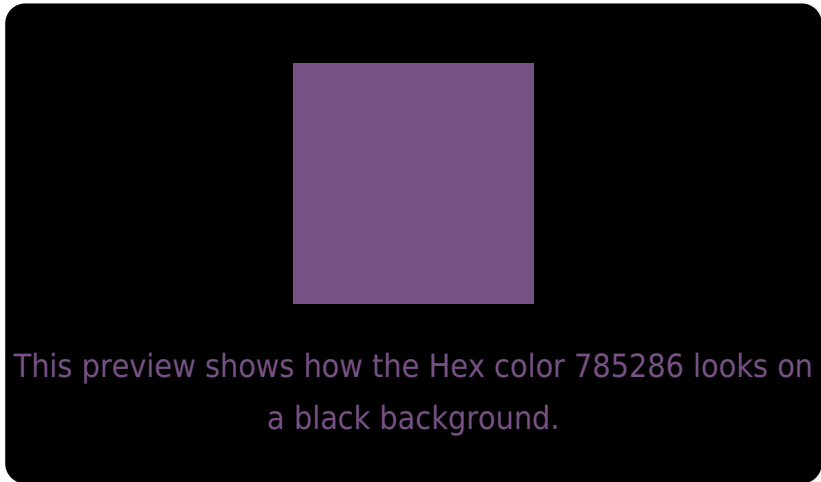
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

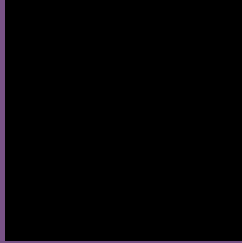
Any Text WCAG AA × Fail

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 785286 Background



This preview shows how black text looks on a background with the Hex color 785286.



This preview shows how white text looks on a background with the Hex color 785286.

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
785286

Protanopia
505F90

Deuteranopia
565F83



Tritanopia
725A61

Trichromacy



Original Color
785286

Protanomaly
5F5A8C

Deuteranomaly
625A84

Tritanomaly
74576E

Monochromacy



Original Color
785286

Achromatopsia
636363

Achromatomaly
6B5D70

CSS Examples

Text

The CSS property to change the color of the text to Hex 785286 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 #785286 looks like.

```
.text, #text, p{  
    color:#785286  
}
```

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 #785286 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #785286
}
```

Border

The CSS property to change the border of an element to Hex 785286 is called "border". The border property can be set on classes, ids or directly on the HTML element.

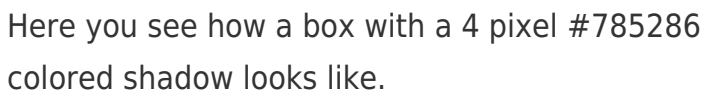
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#785286 }
```

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

```
.border{ border-color:#785286 }
```

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



Here you see how a box with a 4 pixel #785286 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #785286; -webkit-box-shadow:4px 4px  
4px 4px #785286; box-shadow:4px 4px 4px  
4px #785286 }
```

Background

The CSS property to change the background color of an element to Hex 785286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#785286 }
```

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

```
.background{ background-color:#785286 }
```

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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