

# Converting Colors

Hex(785278)

Have a look what the booklet for  
Hex(785278) contains.

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# Color

**Hex(785278)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	785278
RGB	120, 82, 120
RGB Percent	47%, 32%, 47%
CMY	0.5294, 0.6784, 0.5294
CMYK	0.00, 0.32, 0.00, 0.53
HSL	300°, 19%, 40%
HSV	300°, 32%, 47%
XYZ	14.1532, 11.3837, 19.2206
YIQ	97.6940, 10.4500, 19.8740

# Conversions

## Conversions Part 2

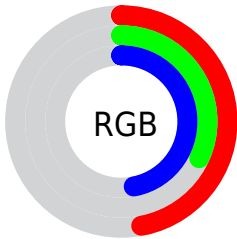
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 82, 120
Decimal	7885432
CIE <sub>Lab</sub>	40.22, 22.69, -15.26
CIE <sub>LCh</sub>	40, 27.348, 326.076
Yxy	11.3837, 0.3162, 0.2543
Android (android.graphics.Color)	4286075512 (0xFF785278)
YUV	97.6940, 10.9969, 19.5624
Hunter-Lab	33.7398, 15.8327, -10.1580

# Details

The Hex color **785278** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **527852**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **AD84AC**, and **472447** is the 20% darker color. If you saturate the color by 10%, you get **784678**, and if you desaturate by 10%, it is **785E78**.

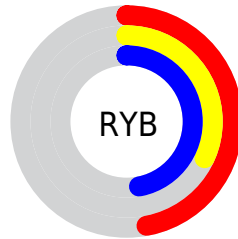
# Distribution



Red (47%)

Green (32%)

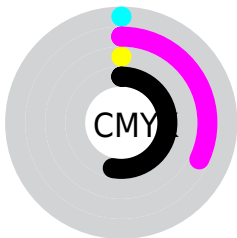
Blue (47%)



Red (47%)

Yellow (32%)

Blue (47%)

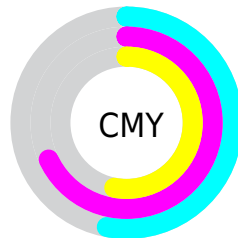


Cyan (0%)

Magenta (32%)

Yellow (0%)

Black (53%)



Cyan (53%)

Magenta (68%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 785278 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 785278 by changing the saturation by 10% instead.



785278

785278

FFFFFF

5F3A5F

AD84AC

472447

C89EC8

2F0E31

E5B9E4

1E001C

FFD5FF

000000

FFF2FF

785278

785278

784678

785E78

783A78

786A78

 782E78

 787678

 782278

 788278

 781678

 788E78

 780A78

 789A78

 780078

 78A678

 78B278

 78BE78

# Harmonies

## Analogous

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



5D5A87



785278



874D63

# Triad

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



785278



705C32



006A72

# Complementary

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



785278



527852

# 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.



1C6A5B



785278



596336

# Square

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



785278



81553A



3F6845



006783

# Rectangle

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



785278



8A4D54



3F6845



006B6A



# Sweetspot

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



785278



9C8C9C



525278



4F464F



CFCFCF



4F4F4F



# Same Dimension

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



785278



9C609C



785265



3D373D



7D007D



FC00FC



# Inverse Universe

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



785278



9C609C



527865



3D373D



7D007D

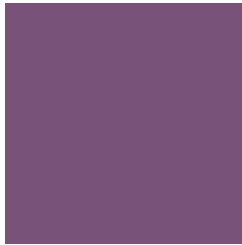


FC00FC



# Previews

## White Background



This preview shows how the Hex color 785278 looks on a white background.

## Color Contrast Check

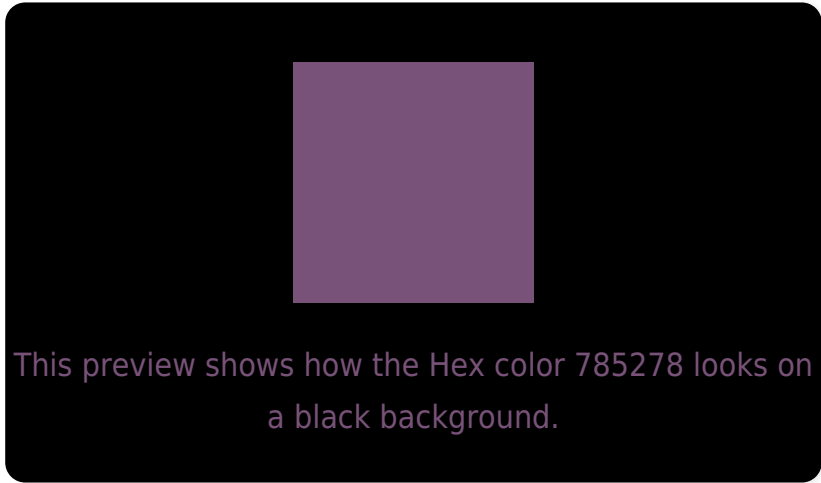
Large Text (above 18pt) WCAG AA ✓ Pass

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

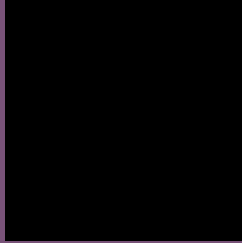
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 785278 Background



This preview shows how black text looks on a background with the Hex color 785278.



This preview shows how white text looks on a background with the Hex color 785278.

# 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**  
74575E

# Trichromacy



**Original Color**  
785278

**Protanomaly**  
625A7E

**Deuteranomaly**  
675977

**Tritanomaly**  
755567

# Monochromacy



**Original Color**  
785278

**Achromatopsia**  
626262

**Achromatomaly**  
6A5C6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 785278 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 #785278 looks like.

```
.text, #text, p{  
    color:#785278  
}
```

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 #785278 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #785278
}
```

## Border

The CSS property to change the border of an element to Hex 785278 is called "border". The border property can be set on classes, ids or directly on the HTML element.

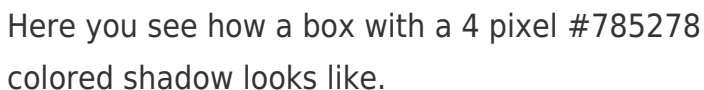
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#785278 }
```

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

```
.border{ border-color:#785278 }
```

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



Here you see how a box with a 4 pixel `#785278` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #785278; -webkit-box-shadow:4px 4px  
4px 4px #785278; box-shadow:4px 4px 4px  
4px #785278 }
```

# Background

The CSS property to change the background color of an element to Hex 785278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#785278 }
```

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

```
.background{ background-color:#785278 }
```

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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