

Converting Colors

Hex(78007B)

Have a look what the booklet for
Hex(78007B) contains.

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Color

Hex(78007B)

Conversions

Conversions Part 1

Format	Color
Hex	78007B
RGB	120, 0, 123
RGB Percent	47%, 0%, 48%
CMY	0.5294, 1.0000, 0.5176
CMYK	0.02, 1.00, 0.00, 0.52
HSL	299°, 100%, 24%
HSV	299°, 100%, 48%
XYZ	11.3209, 5.4231, 19.1890
YIQ	49.9020, 32.0370, 63.6930

Conversions

Conversions Part 2

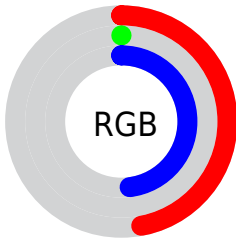
Format	Color
R_{YB}	120, 0, 123
Decimal	7864443
CIE _{Lab}	27.91, 56.75, -36.43
CIE _{LCh}	28, 67.437, 327.304
Yxy	5.4231, 0.3151, 0.1509
Android (android.graphics.Color)	4286054523 (0xFF78007B)
YUV	49.9020, 36.0373, 61.4759
Hunter-Lab	23.2876, 46.0214, -32.5536

Details

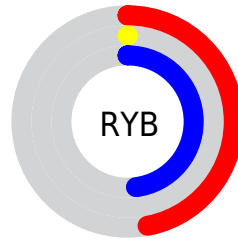
The Hex color **78007B** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **037B00**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **B046B0**, and **430049** is the 20% darker color. If you saturate the color by 10%, you get **78007B**, and if you desaturate by 10%, it is **780C7B**.

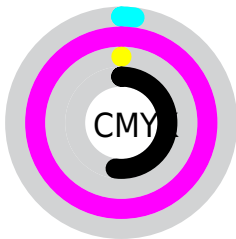
Distribution



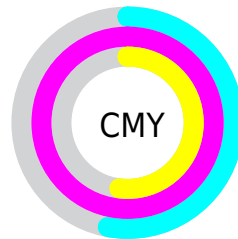
- Red (47%)
- Green (0%)
- Blue (48%)



- Red (47%)
- Yellow (0%)
- Blue (48%)



- Cyan (2%)
- Magenta (100%)
- Yellow (0%)
- Black (52%)



- Cyan (53%)
- Magenta (100%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78007B 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 78007B by changing the saturation by 10% instead.

 78007B

 78007B

FFFFFF

 5D0062

 B046B0

 430049

 CC61CC

 2B0032

 EA7DE8

 00001C

 FF98FF

 000000

 FFB4FF

 FFD1FF

 FFEEFF

 78007B

 780C7B

 79197B

 79257B

 79317B

 7A3E7B

 7A4A7B

 7A567B

 7A627B

 7B6F7B

Harmonies

Analogous

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



1A36A0



78007B



950049

Triad

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



78007B



563F00



005671

Complementary

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



78007B



037B00

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.



00553C



78007B



204C00

Square

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



78007B



7C2300



005200



00549A

Rectangle

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



78007B



960027



005200



005660

Sweetspot

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



78007B



9F70A1



00047B



513452



D1D1D1



525252

Same Dimension

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



78007B



9D00A1



7B0042



3D373D



7A007D



F600FC

Inverse Universe

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



7B0003



A10004



007B39



3D3737



7D0003



FC0006

Previews

White Background



This preview shows how the Hex color 78007B looks on a white background.

Color Contrast Check

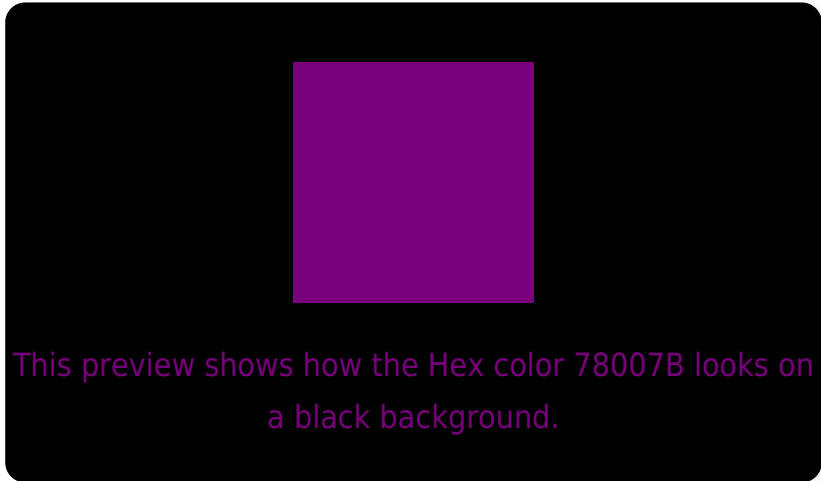
Large Text (above 18pt) WCAG AA ✓ Pass

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

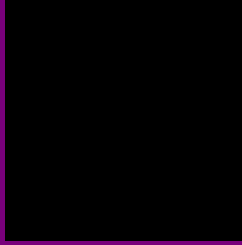
Any Text WCAG AA × Fail

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 78007B Background



This preview shows how black text looks on a background with the Hex color 78007B.

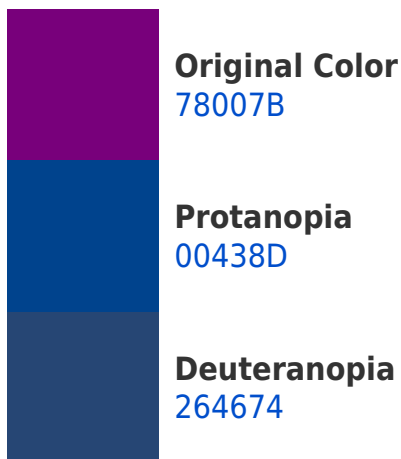



This preview shows how white text looks on a background with the Hex color 78007B.

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
703033

Trichromacy



Original Color

78007B



Protanomaly

2C2B86



Deuteranomaly

442D77



Tritanomaly

731F4D

Monochromacy



Original Color

78007B



Achromatopsia

323232



Achromatomaly

4B204D

CSS Examples

Text

The CSS property to change the color of the text to Hex 78007B 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 #78007B looks like.

```
.text, #text, p{  
    color:#78007B  
}
```

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 #78007B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78007B
}
```

Border

The CSS property to change the border of an element to Hex 78007B 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
#78007B }
```

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

```
.border{ border-color:#78007B }
```

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

Here you see how a box with a 4 pixel #78007B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78007B; -webkit-box-shadow:4px 4px  
4px 4px #78007B; box-shadow:4px 4px 4px  
4px #78007B }
```

Background

The CSS property to change the background color of an element to Hex 78007B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78007B }
```

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

```
.background{ background-color:#78007B }
```

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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