

Converting Colors

Hex(18007A)

Have a look what the booklet for
Hex(18007A) contains.

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Color

Hex(18007A)

Conversions

Conversions Part 1

Format	Color
Hex	18007A
RGB	24, 0, 122
RGB Percent	9%, 0%, 48%
CMY	0.9059, 1.0000, 0.5216
CMYK	0.80, 1.00, 0.00, 0.52
HSL	252°, 100%, 24%
HSV	252°, 100%, 48%
XYZ	3.8895, 1.5993, 18.5161
YIQ	21.0840, -24.8580, 43.0300

Conversions

Conversions Part 2

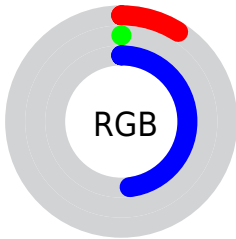
Format	Color
R_{YB}	24, 0, 122
Decimal	1572986
CIE _{Lab}	13.23, 46.33, -60.42
CIE _{LCh}	13, 76.133, 307.482
Yxy	1.5993, 0.1620, 0.0666
Android (android.graphics.Color)	4279763066 (0xFF18007A)
YUV	21.0840, 49.7516, 2.5573
Hunter-Lab	12.6465, 32.7681, -77.9557

Details

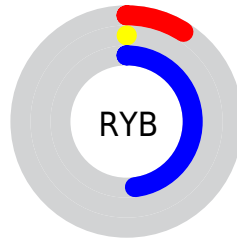
The Hex color **18007A** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **627A00**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **5933B0**, and **000048** is the 20% darker color. If you saturate the color by 10%, you get **18007A**, and if you desaturate by 10%, it is **220C7A**.

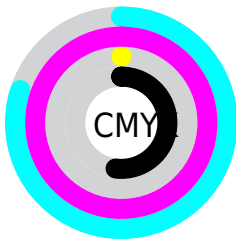
Distribution



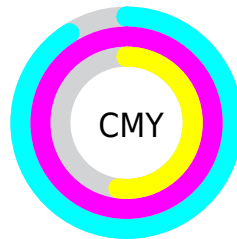
- Red (9%)
- Green (0%)
- Blue (48%)



- Red (9%)
- Yellow (0%)
- Blue (48%)



- Cyan (80%)
- Magenta (100%)
- Yellow (0%)
- Black (52%)



- Cyan (91%)
- Magenta (100%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18007A 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 18007A by changing the saturation by 10% instead.

 18007A

 18007A

 FFEDFF

 000060

 5933B0

 000048

 764CCC

 000430

 9265E8

 00011A

 AF7FFF

 000000

 CC99FF

 EAB5FF

 FFD0FF

 18007A

■ 220C7A

■ 2C187A

■ 35257A

■ 3F317A

■ 493D7A

■ 53497A

■ 5D557A

■ 66627A

■ 706E7A

Harmonies

Analogous

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



002A91



18007A



64004C

Triad

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



18007A



490800



00312F

Complementary

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



18007A



627A00

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.



003000



18007A



1F2500

Square

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



18007A



670000



002E00



003564

Rectangle

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



18007A



720029



002E00



00311C

Sweetspot

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



18007A



786F9E



00647A



38334F



CFCFCF



4F4F4F

Same Dimension

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



18007A



1F009E



53007A



38373D



19007D



3200FC

Inverse Universe

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



7A0062



9E007F



277A00



3D373C



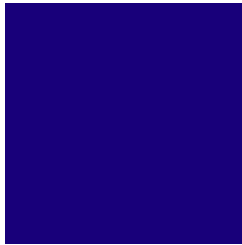
7D0064



FC00CB

Previews

White Background



This preview shows how the Hex color 18007A looks on a white background.

Color Contrast Check

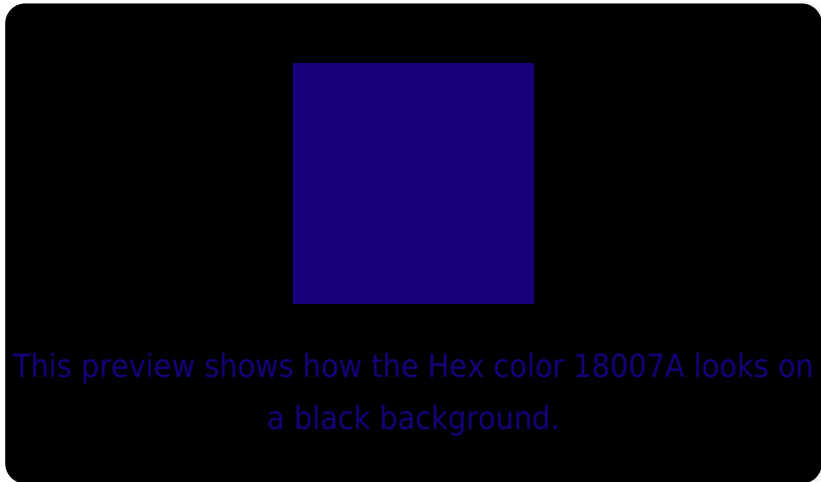
Large Text (above 18pt) WCAG AA ✓ Pass

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

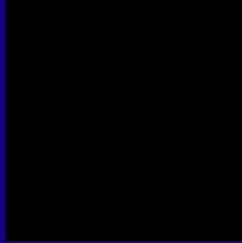
Any Text WCAG AA × Fail

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 18007A Background



This preview shows how black text looks on a background with the Hex color 18007A.



This preview shows how white text looks on a background with the Hex color 18007A.

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
18007A

Protanopia
00254E

Deuteranopia
002842



Tritanopia
002B2D

Trichromacy



Original Color
18007A

Protanomaly
09185E

Deuteranomaly
091956

Tritanomaly
091B49

Monochromacy



Original Color
18007A

Achromatopsia
151515

Achromatomaly
160D3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 18007A 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 #18007A looks like.

```
.text, #text, p{  
    color:#18007A  
}
```

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 #18007A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18007A
}
```

Border

The CSS property to change the border of an element to Hex 18007A is called "border". The border property can be set on classes, ids or directly on the HTML element.

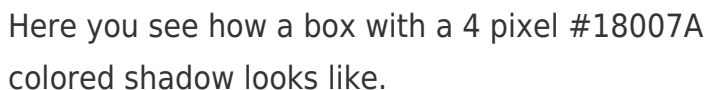
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#18007A }
```

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

```
.border{ border-color:#18007A }
```

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



Here you see how a box with a 4 pixel #18007A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18007A; -webkit-box-shadow:4px 4px  
4px 4px #18007A; box-shadow:4px 4px 4px  
4px #18007A }
```

Background

The CSS property to change the background color of an element to Hex 18007A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18007A }
```

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

```
.background{ background-color:#18007A }
```

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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