

Converting Colors

Hex(16807B)

Have a look what the booklet for
Hex(16807B) contains.

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Color

Hex(16807B)

Conversions

Conversions Part 1

Format	Color
Hex	16807B
RGB	22, 128, 123
RGB Percent	9%, 50%, 48%
CMY	0.9137, 0.4980, 0.5176
CMYK	0.83, 0.00, 0.04, 0.50
HSL	177°, 71%, 29%
HSV	177°, 83%, 50%
XYZ	11.6252, 17.0390, 21.4150
YIQ	95.7360, -61.5710, -24.0270

Conversions

Conversions Part 2

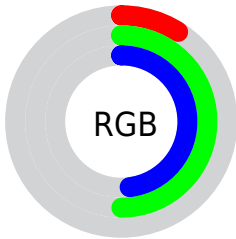
Format	Color
R_{YB}	22, 76, 128
Decimal	1474683
CIE Lab	48.31, -29.00, -5.43
CIE LCh	48, 29.505, 190.609
Yxy	17.0390, 0.2321, 0.3402
Android (android.graphics.Color)	4279664763 (0xFF16807B)
YUV	95.7360, 13.4412, -64.6665
Hunter-Lab	41.2783, -21.9661, -1.8646

Details

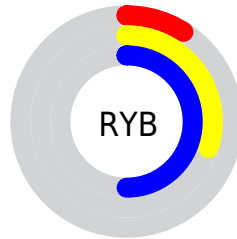
The Hex color **16807B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **80161B**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **58B5AF**, and **004E4A** is the 20% darker color. If you saturate the color by 10%, you get **09807A**, and if you desaturate by 10%, it is **23807C**.

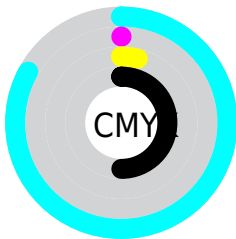
Distribution



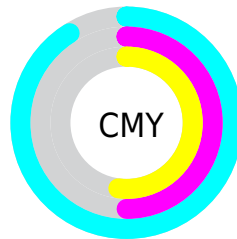
- Red (9%)
- Green (50%)
- Blue (48%)



- Red (9%)
- Yellow (30%)
- Blue (50%)



- Cyan (83%)
- Magenta (0%)
- Yellow (4%)
- Black (50%)



- Cyan (91%)
- Magenta (50%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16807B 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 16807B by changing the saturation by 10% instead.

 16807B

 16807B

FFFFFF


 006762

 58B5AF

 004E4A

 75D1CB

 003734

 91EEE7

 00221F

 AEFFFF

 000006

 CBFFFF

 000000

 E8FFFF

 16807B

 16807B

 09807A

 23807C

■ 00807A

■ 30807C

■ 3C807D

■ 49807D

■ 56807E

■ 63807F

■ 70807F

■ 7C8080

■ 898080

Harmonies

Analogous

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



3F7F61



16807B



007E92

Triad

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



16807B



816999



916C44

Complementary

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



16807B



80161B

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.



9F6353



16807B



996184

Square

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



16807B



5D72A3



A35F6B



7A7441

Rectangle

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



16807B



1D7C9D



A35F6B



976948

Sweetspot

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



16807B



7CA6A4



1B8016



3B5453



D4D4D4



545454

Same Dimension

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



16807B



02A69E



165080



39403F



008079



000000

Inverse Universe

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



80161B



A60209



804616



40393A



800006



000000

Previews

White Background



This preview shows how the Hex color 16807B looks on a white background.

Color Contrast Check

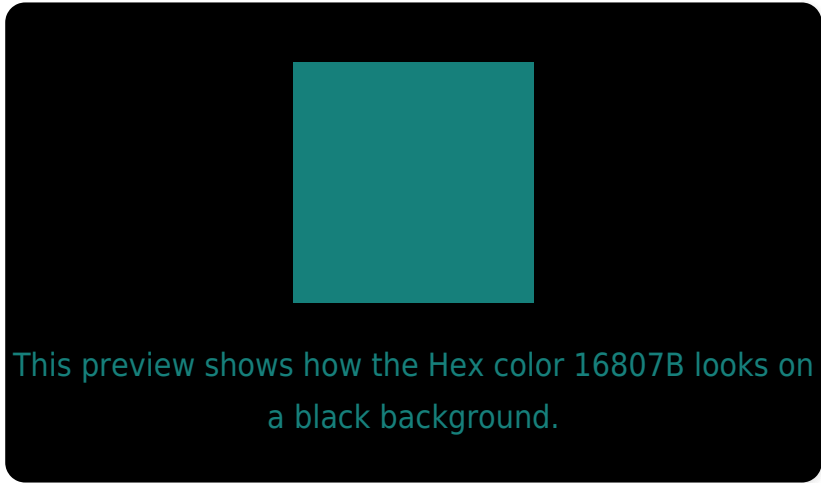
Large Text (above 18pt) WCAG AA ✓ Pass

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

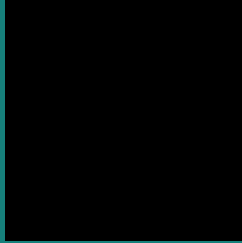
Any Text WCAG AA × Fail

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 16807B Background



This preview shows how black text looks on a background with the Hex color 16807B.

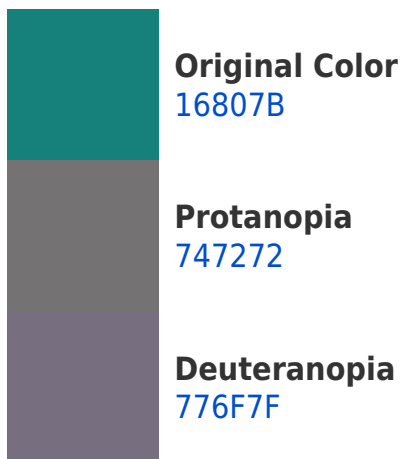


This preview shows how white text looks on a background with the Hex color 16807B.

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
227E88

Trichromacy



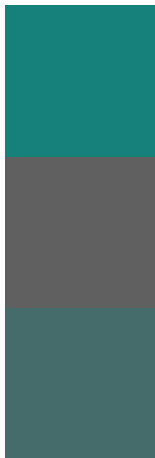
Original Color
16807B

Protanomaly
527775

Deuteranomaly
54757E

Tritanomaly
1E7F83

Monochromacy



Original Color
16807B

Achromatopsia
606060

Achromatomaly
456C6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 16807B 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 #16807B looks like.

```
.text, #text, p{  
    color:#16807B  
}
```

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 #16807B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16807B
}
```

Border

The CSS property to change the border of an element to Hex 16807B 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
#16807B }
```

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

```
.border{ border-color:#16807B }
```

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

Here you see how a box with a 4 pixel #16807B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16807B; -webkit-box-shadow:4px 4px  
4px 4px #16807B; box-shadow:4px 4px 4px  
4px #16807B }
```

Background

The CSS property to change the background color of an element to Hex 16807B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16807B }
```

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

```
.background{ background-color:#16807B }
```

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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