

Converting Colors

Hex(19007B)

Have a look what the booklet for
Hex(19007B) contains.

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Color

Hex(19007B)

Conversions

Conversions Part 1

Format	Color
Hex	19007B
RGB	25, 0, 123
RGB Percent	10%, 0%, 48%
CMY	0.9020, 1.0000, 0.5176
CMYK	0.80, 1.00, 0.00, 0.52
HSL	252°, 100%, 24%
HSV	252°, 100%, 48%
XYZ	3.9761, 1.6367, 18.8453
YIQ	21.4970, -24.5830, 43.5530

Conversions

Conversions Part 2

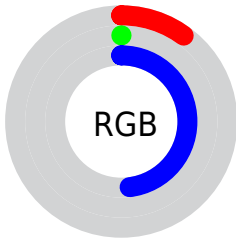
Format	Color
R_{YB}	25, 0, 123
Decimal	1638523
CIE _{Lab}	13.45, 46.62, -60.68
CIE _{LCh}	13, 76.520, 307.536
Yxy	1.6367, 0.1626, 0.0669
Android (android.graphics.Color)	4279828603 (0xFF19007B)
YUV	21.4970, 50.0410, 3.0721
Hunter-Lab	12.7935, 33.0869, -78.3808

Details

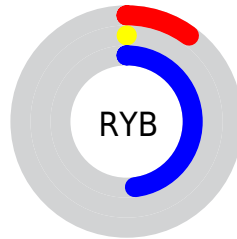
The Hex color **19007B** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **627B00**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **5A34B1**, and **000049** is the 20% darker color. If you saturate the color by 10%, you get **19007B**, and if you desaturate by 10%, it is **230C7B**.

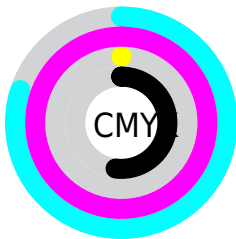
Distribution



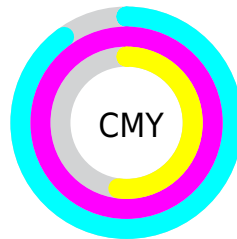
- Red (10%)
- Green (0%)
- Blue (48%)



- Red (10%)
- Yellow (0%)
- Blue (48%)



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



- Cyan (90%)
- Magenta (100%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Hex color 19007B 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 19007B by changing the saturation by 10% instead.

 19007B

 19007B


 FFEEFF

 000061

 5A34B1

 000049

 774CCD

 000431

 9365E9

 00011B

 B07FFF

 000000

 CD9AFF

 EBB5FF

 FFD1FF

 19007B

■ 230C7B

■ 2D197B

■ 36257B

■ 40317B

■ 4A3E7B

■ 544A7B

■ 5E567B

■ 67627B

■ 716F7B

Harmonies

Analogous

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



002A93



19007B



65004D

Triad

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



19007B



4A0900



003230

Complementary

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



19007B



627B00

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.



003100



19007B



202500

Square

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



19007B



680000



002F00



003565

Rectangle

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



19007B



73002A



002F00



00321D

Sweetspot

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



19007B



7A70A1



00627B



3A3452



D1D1D1



525252

Same Dimension

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



19007B



2100A1



56007B



38373D



19007D



3300FC

Inverse Universe

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



7B0062



A10080



257B00



3D373C



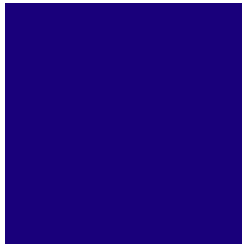
7D0064



FC00C9

Previews

White Background



This preview shows how the Hex color 19007B looks on a white background.

Color Contrast Check

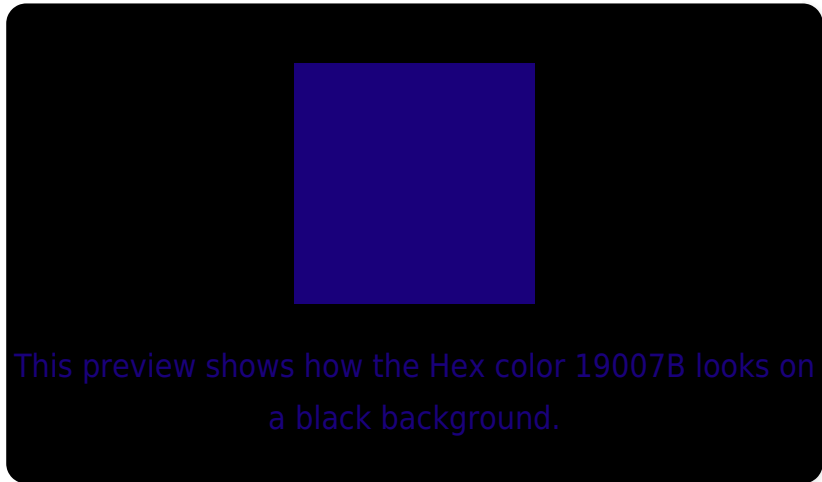
Large Text (above 18pt) WCAG AA ✓ Pass

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

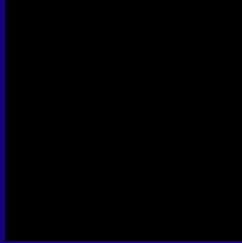
Any Text WCAG AA × Fail

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 19007B Background



This preview shows how black text looks on a background with the Hex color 19007B.



This preview shows how white text looks on a background with the Hex color 19007B.

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
19007B

Protanopia
00254E

Deuteranopia
002842

Trichromacy



Original Color
19007B

Protanomaly
09185E

Deuteranomaly
091957

Tritanomaly
091B49

Monochromacy



Original Color
19007B

Achromatopsia
151515

Achromatomaly
160D3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 19007B 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 #19007B looks like.

```
.text, #text, p{  
    color:#19007B  
}
```

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 #19007B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19007B
}
```

Border

The CSS property to change the border of an element to Hex 19007B is called "border". The border property can be set on classes, ids or directly on the HTML element.

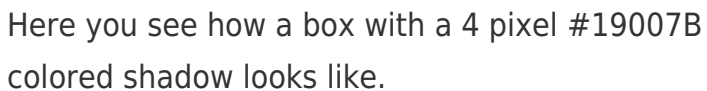
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#19007B }
```

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

```
.border{ border-color:#19007B }
```

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



Here you see how a box with a 4 pixel #19007B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19007B; -webkit-box-shadow:4px 4px  
4px 4px #19007B; box-shadow:4px 4px 4px  
4px #19007B }
```

Background

The CSS property to change the background color of an element to Hex 19007B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19007B }
```

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

```
.background{ background-color:#19007B }
```

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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