

Converting Colors

Hex(13007F)

Have a look what the booklet for
Hex(13007F) contains.

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Color

Hex(13007F)

Conversions

Conversions Part 1

Format	Color
Hex	13007F
RGB	19, 0, 127
RGB Percent	7%, 0%, 50%
CMY	0.9255, 1.0000, 0.5020
CMYK	0.85, 1.00, 0.00, 0.50
HSL	249°, 100%, 25%
HSV	249°, 100%, 50%
XYZ	4.0993, 1.6708, 20.1851
YIQ	20.1590, -29.4430, 43.5250

Conversions

Conversions Part 2

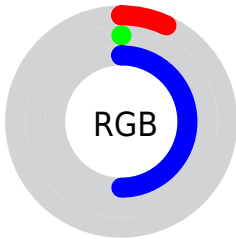
Format	Color
RYB	19, 0, 127
Decimal	1245311
CIELab	13.65, 47.52, -62.91
CIELCh	14, 78.842, 307.068
Yxy	1.6708, 0.1579, 0.0644
Android (android.graphics.Color)	4279435391 (0xFF13007F)
YUV	20.1590, 52.6726, -1.0164
Hunter-Lab	12.9258, 33.9901, -83.5403

Details

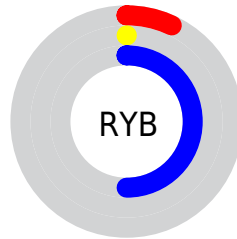
The Hex color **13007F** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **6C7F00**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **5834B5**, and **00004C** is the 20% darker color. If you saturate the color by 10%, you get **13007F**, and if you desaturate by 10%, it is **1E0D7F**.

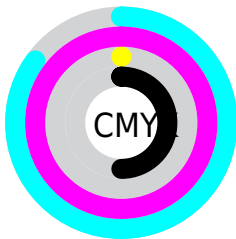
Distribution



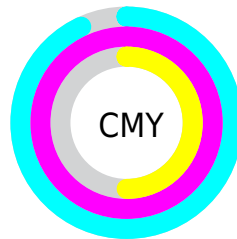
- Red (7%)
- Green (0%)
- Blue (50%)



- Red (7%)
- Yellow (0%)
- Blue (50%)



- Cyan (85%)
- Magenta (100%)
- Yellow (0%)
- Black (50%)



- Cyan (93%)
- Magenta (100%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13007F 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 13007F by changing the saturation by 10% instead.

 13007F

 13007F

 FFEEFF

 000065

 5834B5

 00004C

 754CD1

 000534

 9265EE

 00021E

 AF7FFF

 000001

 CC9AFF

 000000

 EAB5FF

 FFD1FF

 13007F

■ 1E0D7F

■ 29197F

■ 33267F

■ 3E337F

■ 49407F

■ 544C7F

■ 5F597F

■ 69667F

■ 74727F

Harmonies

Analogous

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



002B97



13007F



67004F

Triad

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



13007F



4C0700



00332F

Complementary

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



13007F



6C7F00

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.



003200



13007F



212600

Square

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



13007F



6A0000



002F00



003667

Rectangle

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



13007F



76002B



002F00



00321C

Sweetspot

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



13007F



7B74A6



006E7F



3A3654



D4D4D4



545454

Same Dimension

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



13007F



1900A6



50007F



3A3940



130080



000000

Inverse Universe

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



7F006C



A6008D



2F7F00



40393F



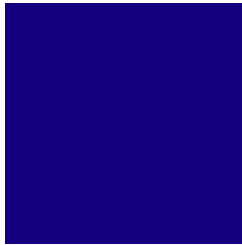
80006C



000000

Previews

White Background



This preview shows how the Hex color 13007F looks on a white background.

Color Contrast Check

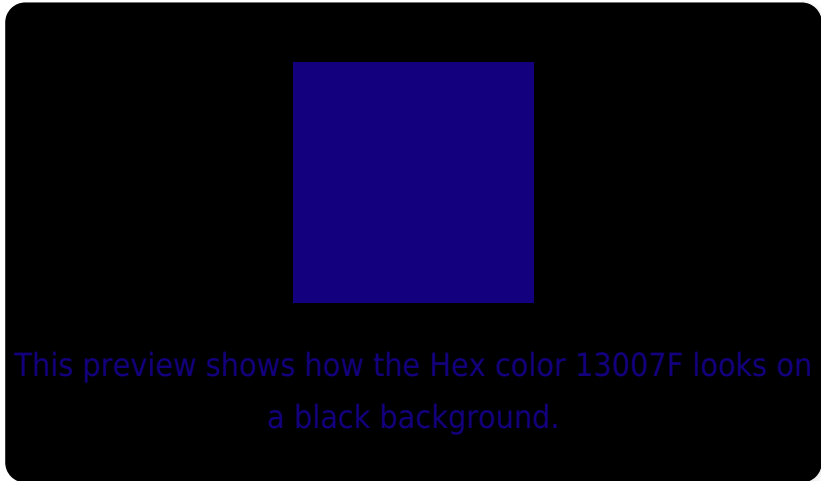
Large Text (above 18pt) WCAG AA ✓ Pass

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

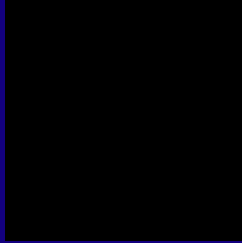
Any Text WCAG AA × Fail

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 13007F Background



This preview shows how black text looks on a background with the Hex color 13007F.



This preview shows how white text looks on a background with the Hex color 13007F.

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
13007F

Protanopia
00264F

Deuteranopia
002843

Trichromacy



Original Color
13007F

Protanomaly
071860

Deuteranomaly
071959

Tritanomaly
071C4B

Monochromacy



Original Color
13007F

Achromatopsia
141414

Achromatomaly
140D3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 13007F 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 #13007F looks like.

```
.text, #text, p{  
    color:#13007F  
}
```

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 #13007F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13007F
}
```

Border

The CSS property to change the border of an element to Hex 13007F 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
#13007F }
```

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

```
.border{ border-color:#13007F }
```

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

Here you see how a box with a 4 pixel #13007F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13007F; -webkit-box-shadow:4px 4px  
4px 4px #13007F; box-shadow:4px 4px 4px  
4px #13007F }
```

Background

The CSS property to change the background color of an element to Hex 13007F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13007F }
```

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

```
.background{ background-color:#13007F }
```

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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