

Converting Colors

Hex(17077D)

Have a look what the booklet for
Hex(17077D) contains.

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Color

Hex(17077D)

Conversions

Conversions Part 1

Format	Color
Hex	17077D
RGB	23, 7, 125
RGB Percent	9%, 3%, 49%
CMY	0.9098, 0.9725, 0.5098
CMYK	0.82, 0.94, 0.00, 0.51
HSL	248°, 89%, 26%
HSV	248°, 94%, 49%
XYZ	4.1310, 1.8148, 19.5346
YIQ	25.2360, -28.3420, 40.0900

Conversions

Conversions Part 2

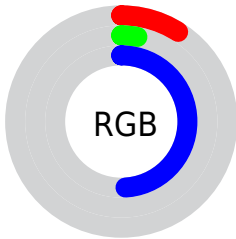
Format	Color
RYB	23, 7, 125
Decimal	1509245
CIELab	14.48, 44.40, -60.24
CIElCh	14, 74.837, 306.392
Yxy	1.8148, 0.1621, 0.0712
Android (android.graphics.Color)	4279699325 (0xFF17077D)
YUV	25.2360, 49.1837, -1.9610
Hunter-Lab	13.4714, 31.1620, -76.5453

Details

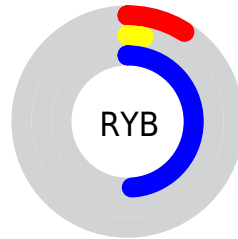
The Hex color **17077D** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **6D7D07**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **5938B3**, and **00004A** is the 20% darker color. If you saturate the color by 10%, you get **11007D**, and if you desaturate by 10%, it is **22147D**.

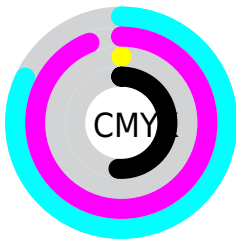
Distribution



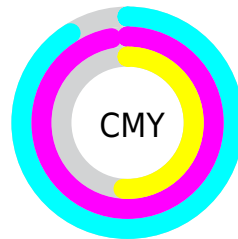
- Red (9%)
- Green (3%)
- Blue (49%)



- Red (9%)
- Yellow (3%)
- Blue (49%)



- Cyan (82%)
- Magenta (94%)
- Yellow (0%)
- Black (51%)



- Cyan (91%)
- Magenta (97%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17077D 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 17077D by changing the saturation by 10% instead.

 17077D

 17077D

 FFF2FF

 000063

 5938B3

 00004A

 7651CF

 000433

 926AEC

 00021D

 AF84FF

 000000

 CC9EFF

 EABAFF

 FFD6FF

 17077D

 17077D

■ 11007D

■ 22147D

■ 2D207D

■ 372D7D

■ 42397D

■ 4D467D

■ 58527D

■ 635F7D

■ 6D6B7D

■ 78787D

Harmonies

Analogous

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



002C93



17077D



650050

Triad

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



17077D



4E0A00



00352F

Complementary

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



17077D



6D7D07

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.



003400



17077D



242700

Square

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



17077D



6A0000



003000



003764

Rectangle

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



17077D



74002E



003000



00341D

Sweetspot

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



17077D



7C76A3



076D7D



3A3652



D1D1D1



525252

Same Dimension

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



17077D



1600A3



52077D



3A3940



110080



000000

Inverse Universe

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



7D076D



A3008D



327D07



40393F



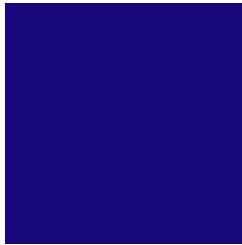
80006E



000000

Previews

White Background



This preview shows how the Hex color 17077D looks on a white background.

Color Contrast Check

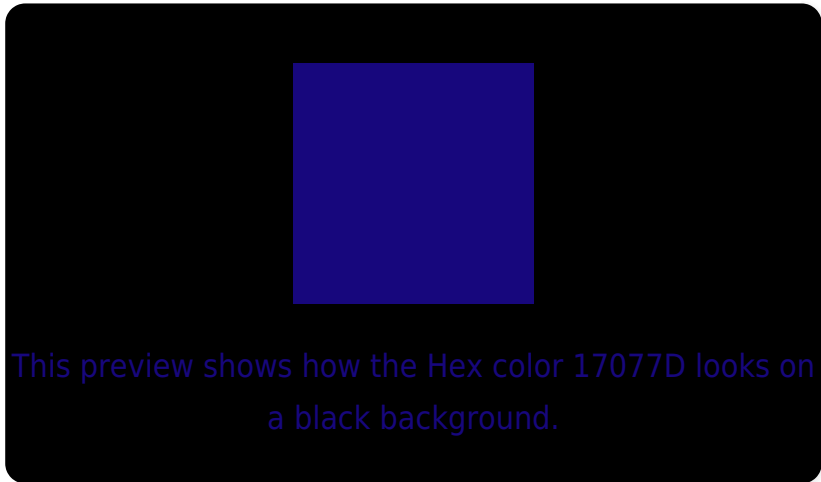
Large Text (above 18pt) WCAG AA ✓ Pass

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

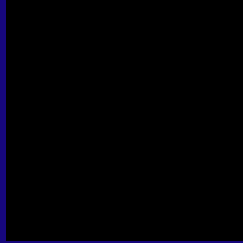
Any Text WCAG AA × Fail

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 17077D Background



This preview shows how black text looks on a background with the Hex color 17077D.



This preview shows how white text looks on a background with the Hex color 17077D.

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
17077D

Protanopia
002650

Deuteranopia
002944

Trichromacy



Original Color
17077D

Protanomaly
081B60

Deuteranomaly
081D59

Tritanomaly
081F4B

Monochromacy



Original Color
17077D

Achromatopsia
191919

Achromatomaly
18123D

CSS Examples

Text

The CSS property to change the color of the text to Hex 17077D 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 #17077D looks like.

```
.text, #text, p{  
    color:#17077D  
}
```

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 #17077D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17077D
}
```

Border

The CSS property to change the border of an element to Hex 17077D is called "border". The border property can be set on classes, ids or directly on the HTML element.

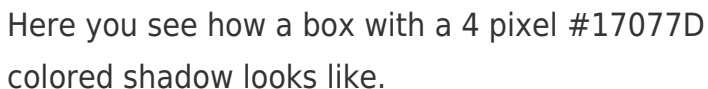
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#17077D }
```

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

```
.border{ border-color:#17077D }
```

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



Here you see how a box with a 4 pixel #17077D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17077D; -webkit-box-shadow:4px 4px  
4px 4px #17077D; box-shadow:4px 4px 4px  
4px #17077D }
```

Background

The CSS property to change the background color of an element to Hex 17077D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17077D }
```

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

```
.background{ background-color:#17077D }
```

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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