

Converting Colors

Hex(170F7F)

Have a look what the booklet for
Hex(170F7F) contains.

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Color

Hex(170F7F)

Conversions

Conversions Part 1

Format	Color
Hex	170F7F
RGB	23, 15, 127
RGB Percent	9%, 6%, 50%
CMY	0.9098, 0.9412, 0.5020
CMYK	0.82, 0.88, 0.00, 0.50
HSL	244°, 79%, 28%
HSV	244°, 88%, 50%
XYZ	4.3549, 2.0561, 20.2460
YIQ	30.1600, -31.1840, 36.5280

Conversions

Conversions Part 2

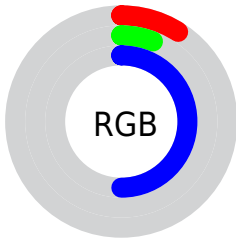
Format	Color
R_{YB}	23, 15, 127
Decimal	1511295
CIE _{Lab}	15.78, 41.94, -59.36
CIE _{LCh}	16, 72.682, 305.241
Yxy	2.0561, 0.1634, 0.0771
Android (android.graphics.Color)	4279701375 (0xFF170F7F)
YUV	30.1600, 47.7421, -6.2793
Hunter-Lab	14.3391, 29.1187, -73.6765

Details

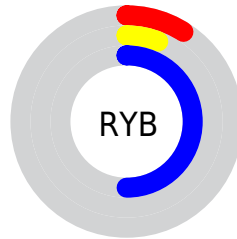
The Hex color **170F7F** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **777F0F**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **593EB5**, and **00004C** is the 20% darker color. If you saturate the color by 10%, you get **0B027F**, and if you desaturate by 10%, it is **231C7F**.

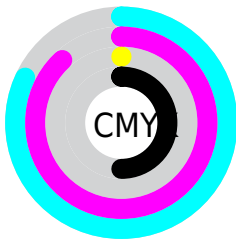
Distribution



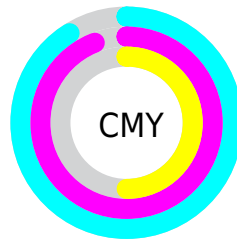
- Red (9%)
- Green (6%)
- Blue (50%)



- Red (9%)
- Yellow (6%)
- Blue (50%)



- Cyan (82%)
- Magenta (88%)
- Yellow (0%)
- Black (50%)



- Cyan (91%)
- Magenta (94%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 170F7F 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 170F7F by changing the saturation by 10% instead.

 170F7F

 170F7F


 FFF8FF

 000065

 593EB5

 00004C

 7656D1

 000535

 926FEE

 00021E

 AF89FF

 000001

 CCA4FF

 000000

 E9BFFF

 FFDBFF

 170F7F

 170F7F

■ 0B027F

■ 231C7F

■ 09007F

■ 2F287F

■ 3A357F

■ 46427F

■ 524F7F

■ 5E5B7F

■ 6A687F

■ 75757F

■ 81817F

Harmonies

Analogous

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



002F93



170F7F



660054

Triad

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



170F7F



520D00



003830

Complementary

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



170F7F



777F0F

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.



003700



170F7F



2A2900

Square

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



170F7F



6E0000



003200



003A64

Rectangle

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



170F7F



750032



003200



00381D

Sweetspot

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



170F7F



7E7BA6



0F787F



3C3A54



D4D4D4



545454

Same Dimension

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



170F7F



0C00A6



4E0F7F



3A3940



090080



000000

Inverse Universe

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



7F0F77



A6009A



407F0F



40393F



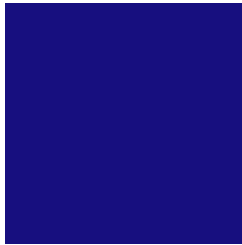
800076



000000

Previews

White Background



This preview shows how the Hex color 170F7F looks on a white background.

Color Contrast Check

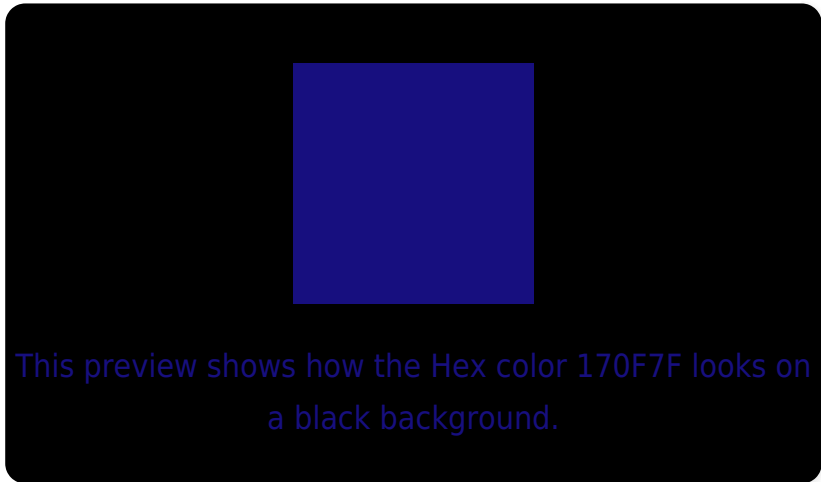
Large Text (above 18pt) WCAG AA ✓ Pass

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

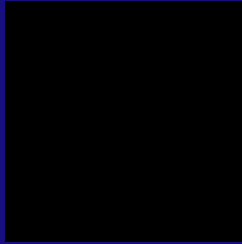
Any Text WCAG AA × Fail

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 170F7F Background



This preview shows how black text looks on a background with the Hex color 170F7F.



This preview shows how white text looks on a background with the Hex color 170F7F.

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
170F7F

Protanopia
002853

Deuteranopia
002A47

Trichromacy



Original Color
170F7F

Protanomaly
081F63

Deuteranomaly
08205B

Tritanomaly
08234D

Monochromacy



Original Color
170F7F

Achromatopsia
1E1E1E

Achromatomaly
1B1941

CSS Examples

Text

The CSS property to change the color of the text to Hex 170F7F 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 #170F7F looks like.

```
.text, #text, p{  
    color:#170F7F  
}
```

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 #170F7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #170F7F
}
```

Border

The CSS property to change the border of an element to Hex 170F7F is called "border". The border property can be set on classes, ids or directly on the HTML element.

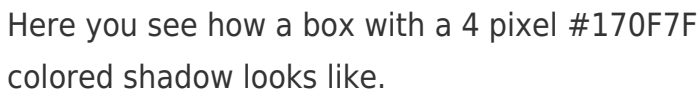
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#170F7F }
```

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

```
.border{ border-color:#170F7F }
```

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



Here you see how a box with a 4 pixel #170F7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #170F7F; -webkit-box-shadow:4px 4px  
4px 4px #170F7F; box-shadow:4px 4px 4px  
4px #170F7F }
```

Background

The CSS property to change the background color of an element to Hex 170F7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#170F7F }
```

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

```
.background{ background-color:#170F7F }
```

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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