

Converting Colors

Hex(171781)

Have a look what the booklet for
Hex(171781) contains.

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Color

Hex(171781)

Conversions

Conversions Part 1

Format	Color
Hex	171781
RGB	23, 23, 129
RGB Percent	9%, 9%, 51%
CMY	0.9098, 0.9098, 0.4941
CMYK	0.82, 0.82, 0.00, 0.49
HSL	240°, 70%, 30%
HSV	240°, 82%, 51%
XYZ	4.6222, 2.3799, 20.9846
YIQ	35.0840, -34.0260, 32.9660

Conversions

Conversions Part 2

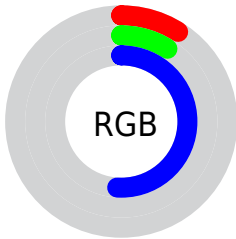
Format	Color
R_{YB}	23, 23, 129
Decimal	1513345
CIE _{Lab}	17.37, 38.68, -58.00
CIE _{LCh}	17, 69.713, 303.702
Yxy	2.3799, 0.1652, 0.0850
Android (android.graphics.Color)	4279703425 (0xFF171781)
YUV	35.0840, 46.3006, -10.5977
Hunter-Lab	15.4270, 26.4843, -69.8504

Details

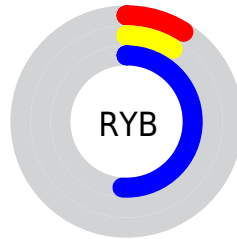
The Hex color **171781** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **818117**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **5945B7**, and **00004E** is the 20% darker color. If you saturate the color by 10%, you get **0A0A81**, and if you desaturate by 10%, it is **242481**.

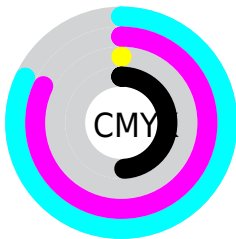
Distribution



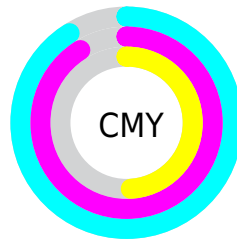
- Red (9%)
- Green (9%)
- Blue (51%)



- Red (9%)
- Yellow (9%)
- Blue (51%)



- Cyan (82%)
- Magenta (82%)
- Yellow (0%)
- Black (49%)



- Cyan (91%)
- Magenta (91%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 171781 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 171781 by changing the saturation by 10% instead.

■ 171781

■ 171781

FFFFFF

■ 000267

■ 5945B7

■ 00004E

■ 755DD3

■ 000536

■ 9276F0

■ 000220

■ AF90FF

■ 000004

■ CCABFF

■ 000000

■ E9C6FF

■ FFE2FF

■ 171781

■ 171781

■ 0A0A81

■ 242481

■ 000081

■ 313181

■ 3E3E81

■ 4B4B81

■ 585881

■ 646481

■ 717181

■ 7E7E81

■ 8B8B81

Harmonies

Analogous

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



003293



171781



660058

Triad

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



171781



571000



003C30

Complementary

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



171781



818117

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.



003A00



171781



302C00

Square

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



171781



710000



003500



003C63

Rectangle

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



171781



770038



003500



003B1E

Sweetspot

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



171781



7E7EA8



178181



3B3B54



D4D4D4



545454

Same Dimension

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



171781



0202A8



4C1781



393940



000080



000000

Inverse Universe

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



811781



A802A8



4C8117



403940



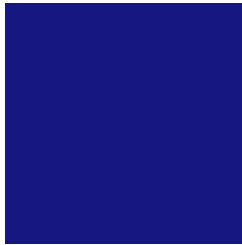
800080



000000

Previews

White Background



This preview shows how the Hex color 171781 looks on a white background.

Color Contrast Check

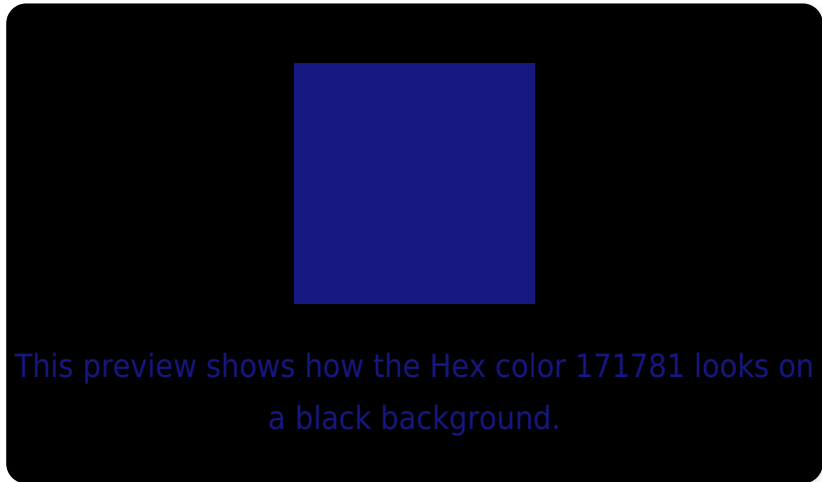
Large Text (above 18pt) WCAG AA ✓ Pass

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

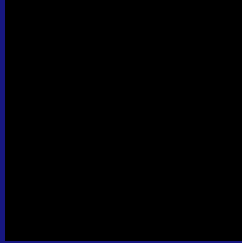
Any Text WCAG AA × Fail

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 171781 Background



This preview shows how black text looks on a background with the Hex color 171781.



This preview shows how white text looks on a background with the Hex color 171781.

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
171781

Protanopia
002A59

Deuteranopia
002D4B

Trichromacy



Original Color
171781

Protanomaly
082368

Deuteranomaly
08255F

Tritanomaly
08284F

Monochromacy



Original Color
171781

Achromatopsia
232323

Achromatomaly
1F1F45

CSS Examples

Text

The CSS property to change the color of the text to Hex 171781 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 #171781 looks like.

```
.text, #text, p{  
    color:#171781  
}
```

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 #171781 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #171781
}
```

Border

The CSS property to change the border of an element to Hex 171781 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".

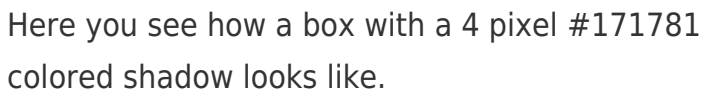
```
.border, #border, table{ border:4px solid
#171781 }
```

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

```
.border{ border-color:#171781 }
```

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

Here you see how a box with a 4 pixel #171781 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin blue border on the top and left sides, and a thicker dark blue border on the bottom and right sides. The shadow is a dark blue rectangle that is slightly offset to the bottom and right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #171781; -webkit-box-shadow:4px 4px  
4px 4px #171781; box-shadow:4px 4px 4px  
4px #171781 }
```

Background

The CSS property to change the background color of an element to Hex 171781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#171781 }
```

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

```
.background{ background-color:#171781 }
```

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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