

Converting Colors

Hex(180783)

Have a look what the booklet for
Hex(180783) contains.

Hex(180783)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(180783)

Conversions

Conversions Part 1

Format	Color
Hex	180783
RGB	24, 7, 131
RGB Percent	9%, 3%, 51%
CMY	0.9059, 0.9725, 0.4863
CMYK	0.82, 0.95, 0.00, 0.49
HSL	248°, 90%, 27%
HSV	248°, 95%, 51%
XYZ	4.5494, 1.9848, 21.6161
YIQ	26.2190, -29.6720, 42.1680

Conversions

Conversions Part 2

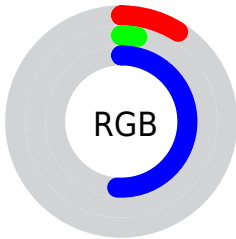
Format	Color
RYB	24, 7, 131
Decimal	1574787
CIELab	15.41, 46.16, -62.52
CIElCh	15, 77.718, 306.441
Yxy	1.9848, 0.1616, 0.0705
Android (android.graphics.Color)	4279764867 (0xFF180783)
YUV	26.2190, 51.6570, -1.9461
Hunter-Lab	14.0884, 32.9860, -81.1074

Details

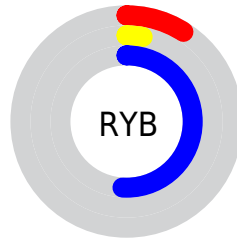
The Hex color **180783** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **728307**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **5B39B9**, and **000050** is the 20% darker color. If you saturate the color by 10%, you get **120083**, and if you desaturate by 10%, it is **231483**.

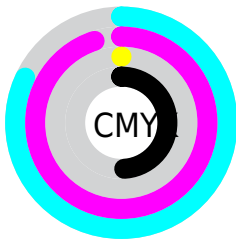
Distribution



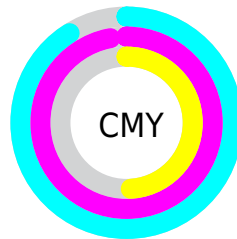
- Red (9%)
- Green (3%)
- Blue (51%)



- Red (9%)
- Yellow (3%)
- Blue (51%)



- Cyan (82%)
- Magenta (95%)
- Yellow (0%)
- Black (49%)



- Cyan (91%)
- Magenta (97%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 180783 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 180783 by changing the saturation by 10% instead.

 180783

 180783

 FFF4FF

 000069

 5B39B9

 000050

 7852D6

 000538

 956BF2

 000222

 B285FF

 000007

 CFA0FF

 000000

 EDBBFF

 FFD7FF

 180783

 180783

■ 120083

■ 231483

■ 2F2183

■ 3A2E83

■ 453B83

■ 514983

■ 5C5683

■ 676383

■ 727083

■ 7E7D83

Harmonies

Analogous

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



002F9A



180783



6A0054

Triad

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



180783



510B00



003732

Complementary

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



180783



728307

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.



003600



180783



262900

Square

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



180783



6F0000



003200



003A69

Rectangle

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



180783



7A0030



003200



00371E

Sweetspot

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



180783



827BAB



077283



3D3957



D6D6D6



575757

Same Dimension

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



180783



1700AB



560783



3D3C42



120082



000003

Inverse Universe

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



830772



AB0093



348307



423C41



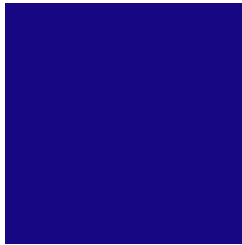
820070



030002

Previews

White Background



This preview shows how the Hex color 180783 looks on a white background.

Color Contrast Check

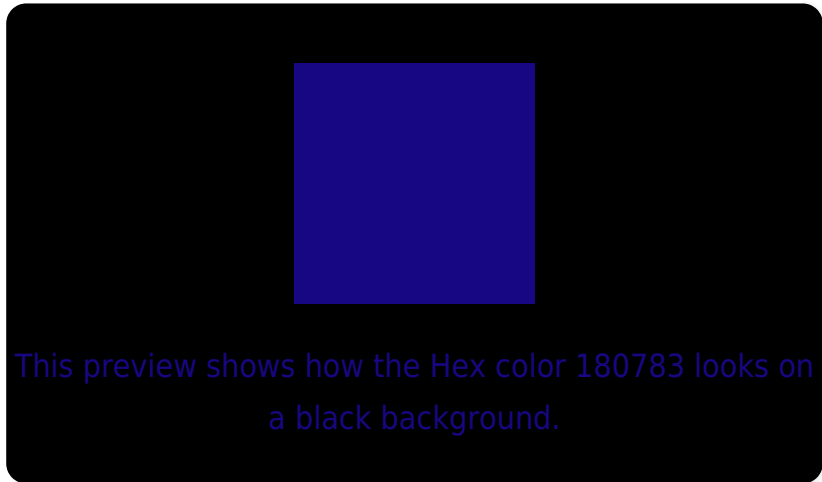
Large Text (above 18pt) WCAG AA ✓ Pass

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

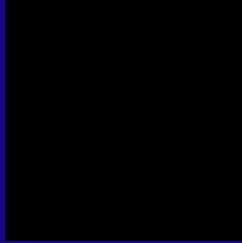
Any Text WCAG AA × Fail

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 180783 Background



This preview shows how black text looks on a background with the Hex color 180783.



This preview shows how white text looks on a background with the Hex color 180783.

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

180783

Protanopia

002853

Deuteranopia

002B47

Trichromacy



Original Color
180783

Protanomaly
091C64

Deuteranomaly
091E5D

Tritanomaly
09204E

Monochromacy



Original Color
180783

Achromatopsia
1A1A1A

Achromatomaly
191340

CSS Examples

Text

The CSS property to change the color of the text to Hex 180783 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 #180783 looks like.

```
.text, #text, p{  
    color:#180783  
}
```

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 #180783 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #180783
}
```

Border

The CSS property to change the border of an element to Hex 180783 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
#180783 }
```

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

```
.border{ border-color:#180783 }
```

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

Here you see how a box with a 4 pixel #180783 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #180783; -webkit-box-shadow:4px 4px  
4px 4px #180783; box-shadow:4px 4px 4px  
4px #180783 }
```

Background

The CSS property to change the background color of an element to Hex 180783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#180783 }
```

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

```
.background{ background-color:#180783 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor