

Converting Colors

Hex(180044)

Have a look what the booklet for
Hex(180044) contains.

Hex(180044)	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(180044)

Conversions

Conversions Part 1

Format	Color
Hex	180044
RGB	24, 0, 68
RGB Percent	9%, 0%, 27%
CMY	0.9059, 1.0000, 0.7333
CMYK	0.65, 1.00, 0.00, 0.73
HSL	261°, 100%, 13%
HSV	261°, 100%, 27%
XYZ	1.4201, 0.6115, 5.5120
YIQ	14.9280, -7.5240, 26.2360

Conversions

Conversions Part 2

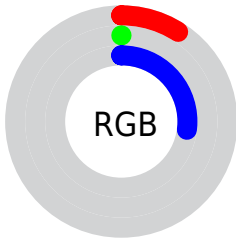
Format	Color
R_{YB}	24, 0, 68
Decimal	1572932
CIE Lab	5.52, 30.37, -36.88
CIE LCh	6, 47.773, 309.476
Yxy	0.6115, 0.1882, 0.0811
Android (android.graphics.Color)	4279763012 (0xFF180044)
YUV	14.9280, 26.1645, 7.9561
Hunter-Lab	7.8201, 18.7290, -36.3166

Details

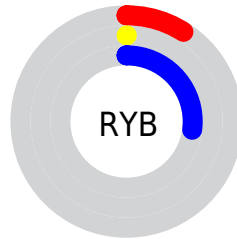
The Hex color **180044** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2C4400**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **4A2C75**, and **000117** is the 20% darker color. If you saturate the color by 10%, you get **180044**, and if you desaturate by 10%, it is **1C0744**.

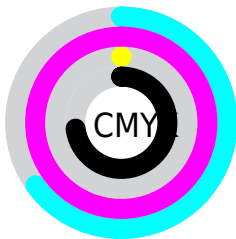
Distribution



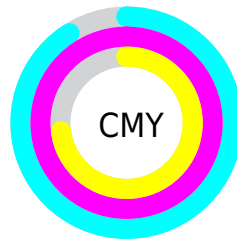
- Red (9%)
- Green (0%)
- Blue (27%)



- Red (9%)
- Yellow (0%)
- Blue (27%)



- Cyan (65%)
- Magenta (100%)
- Yellow (0%)
- Black (73%)



- Cyan (91%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 180044 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 180044 by changing the saturation by 10% instead.

 180044

 180044

 FFE1FF

 00002D

 4A2C75

 000117

 64448F

 000000

 7E5CAA

 9975C5

 B48FE1

 D0A9FE

 EDC5FF

 180044

■ 1C0744

■ 210E44

■ 251444

■ 2A1B44

■ 2E2244

■ 322944

■ 373044

■ 3B3644

■ 403D44

Harmonies

Analogous

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



001552



180044



3B0029

Triad

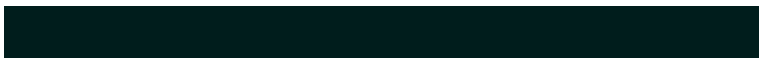
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



180044



2A0600



001D1C

Complementary

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



180044



2C4400

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.



001C00



180044



0B1500

Square

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



180044



3B0000



001C00



001E3A

Rectangle

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



180044



430015



001C00



001C11

Sweetspot

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



180044



483E59



002C44



231D2E



ADADAD



2E2E2E

Same Dimension

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



180044



1F0059



3A0044



1F1E21



220061



4F00E0

Inverse Universe

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



44002C



59003A



0A4400



211E20



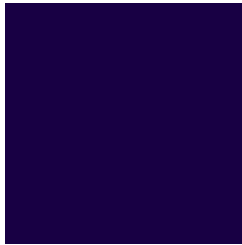
61003F



E00091

Previews

White Background



This preview shows how the Hex color 180044 looks on a white background.

Color Contrast Check

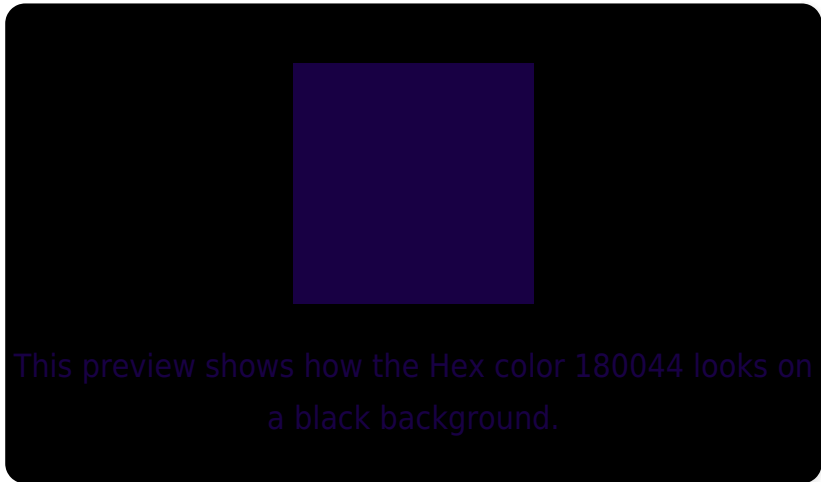
Large Text (above 18pt) WCAG AA ✓ Pass

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

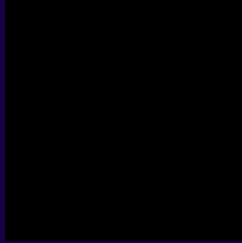
Any Text WCAG AA × Fail

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 180044 Background



This preview shows how black text looks on a background with the Hex color 180044.



This preview shows how white text looks on a background with the Hex color 180044.

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
180044

Protanopia
00162F

Deuteranopia
001828

Trichromacy



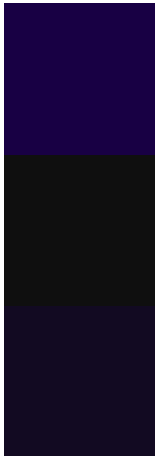
Original Color
180044

Protanomaly
090E37

Deuteranomaly
090F32

Tritanomaly
09112B

Monochromacy



Original Color
180044

Achromatopsia
0F0F0F

Achromatomaly
120A22

CSS Examples

Text

The CSS property to change the color of the text to Hex 180044 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 #180044 looks like.

```
.text, #text, p{  
    color:#180044  
}
```

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 #180044 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #180044
}
```

Border

The CSS property to change the border of an element to Hex 180044 is called "border". The border property can be set on classes, ids or directly on the HTML element.

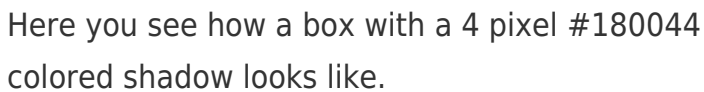
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#180044 }
```

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

```
.border{ border-color:#180044 }
```

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



Here you see how a box with a 4 pixel #180044 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #180044; -webkit-box-shadow:4px 4px  
4px 4px #180044; box-shadow:4px 4px 4px  
4px #180044 }
```

Background

The CSS property to change the background color of an element to Hex 180044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#180044 }
```

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

```
.background{ background-color:#180044 }
```

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