

Converting Colors

Hex(180032)

Have a look what the booklet for
Hex(180032) contains.

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Color

Hex(180032)

Conversions

Conversions Part 1

Format	Color
Hex	180032
RGB	24, 0, 50
RGB Percent	9%, 0%, 20%
CMY	0.9059, 1.0000, 0.8039
CMYK	0.52, 1.00, 0.00, 0.80
HSL	269°, 100%, 10%
HSV	269°, 100%, 20%
XYZ	0.9524, 0.4245, 3.0493
YIQ	12.8760, -1.7460, 20.6380

Conversions

Conversions Part 2

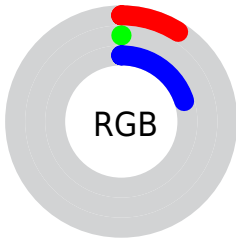
Format	Color
R_{YB}	24, 0, 50
Decimal	1572914
CIE _{Lab}	3.83, 22.30, -26.54
CIE _{LCh}	4, 34.666, 310.043
Yxy	0.4245, 0.2152, 0.0959
Android (android.graphics.Color)	4279762994 (0xFF180032)
YUV	12.8760, 18.3021, 9.7557
Hunter-Lab	6.5152, 14.6920, -23.1892

Details

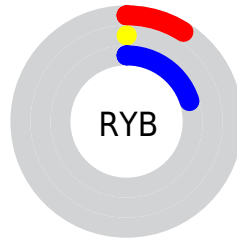
The Hex color **180032** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **1A3200**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **452E61**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **180032**, and if you desaturate by 10%, it is **1B0532**.

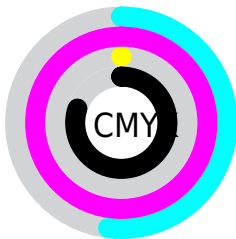
Distribution



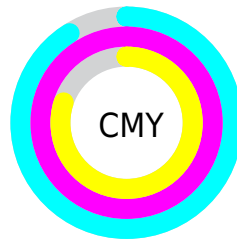
- Red (9%)
- Green (0%)
- Blue (20%)



- Red (9%)
- Yellow (0%)
- Blue (20%)



- Cyan (52%)
- Magenta (100%)
- Yellow (0%)
- Black (80%)



- Cyan (91%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 180032 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 180032 by changing the saturation by 10% instead.

 180032

 180032

 FFE1FF


 00021C

 452E61

 000000

 5D447A

 775C94

 9175AF

 AC8FCA

 C7A9E6

 E4C5FF

 180032

■ 1B0532

■ 1D0A32

■ 200F32

■ 221432

■ 251932

■ 281E32

■ 2A2332

■ 2D2832

■ 2F2D32

Harmonies

Analogous

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



000E3C



180032



2E001F

Triad

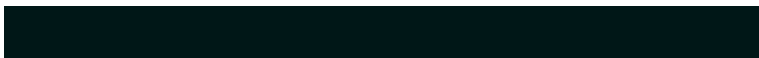
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



180032



220400



001717

Complementary

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



180032



1A3200

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.



001600



180032



061100

Square

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



180032



2F0000



001600



00182C

Rectangle

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



180032



34000F



001600



00160D

Sweetspot

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



180032



362D40



001B32



1B1521



A1A1A1



212121

Same Dimension

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



180032



1F0040



300032



18171A



2B0059



6800D9

Inverse Universe

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



32001A



400021



023200



1A1718



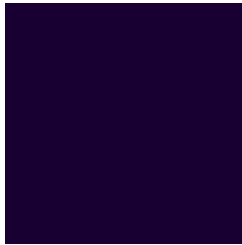
59002E



D90071

Previews

White Background



This preview shows how the Hex color 180032 looks on a white background.

Color Contrast Check

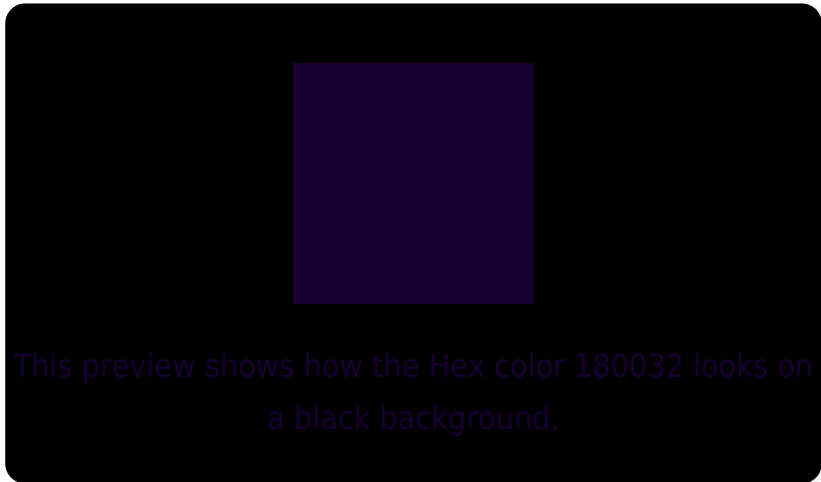
Large Text (above 18pt) WCAG AA ✓ Pass

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

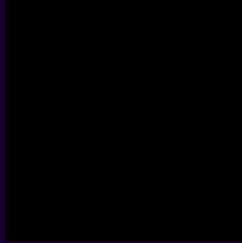
Any Text WCAG AA × Fail

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 180032 Background



This preview shows how black text looks on a background with the Hex color 180032.



This preview shows how white text looks on a background with the Hex color 180032.

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](#).

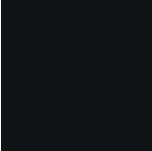
Dichromacy



Original Color
180032

Protanopia
001226

Deuteranopia
001321



Tritanopia
0F1315

Trichromacy



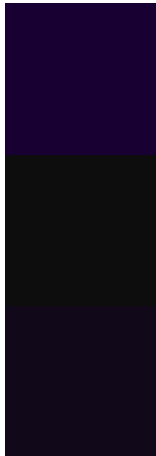
Original Color
180032

Protanomaly
090B2A

Deuteranomaly
090C27

Tritanomaly
120C20

Monochromacy



Original Color
180032

Achromatopsia
0D0D0D

Achromatomaly
11081A

CSS Examples

Text

The CSS property to change the color of the text to Hex 180032 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 #180032 looks like.

```
.text, #text, p{  
    color:#180032  
}
```

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 #180032 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #180032
}
```

Border

The CSS property to change the border of an element to Hex 180032 is called "border". The border property can be set on classes, ids or directly on the HTML element.

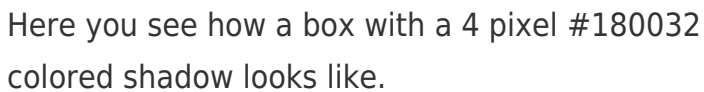
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#180032 }
```

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

```
.border{ border-color:#180032 }
```

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



Here you see how a box with a 4 pixel #180032 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #180032; -webkit-box-shadow:4px 4px  
4px 4px #180032; box-shadow:4px 4px 4px  
4px #180032 }
```

Background

The CSS property to change the background color of an element to Hex 180032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#180032 }
```

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

```
.background{ background-color:#180032 }
```

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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