

Converting Colors

Hex(180040)

Have a look what the booklet for
Hex(180040) contains.

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Color

Hex(180040)

Conversions

Conversions Part 1

Format	Color
Hex	180040
RGB	24, 0, 64
RGB Percent	9%, 0%, 25%
CMY	0.9059, 1.0000, 0.7490
CMYK	0.62, 1.00, 0.00, 0.75
HSL	262°, 100%, 13%
HSV	262°, 100%, 25%
XYZ	1.3021, 0.5644, 4.8908
YIQ	14.4720, -6.2400, 24.9920

Conversions

Conversions Part 2

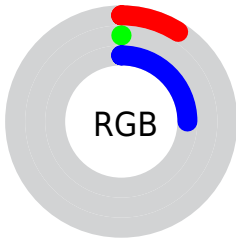
Format	Color
R_{YB}	24, 0, 64
Decimal	1572928
CIE Lab	5.10, 28.70, -34.72
CIE LCh	5, 45.046, 309.578
Yxy	0.5644, 0.1927, 0.0835
Android (android.graphics.Color)	4279763008 (0xFF180040)
YUV	14.4720, 24.4173, 8.3561
Hunter-Lab	7.5124, 17.7924, -33.3411

Details

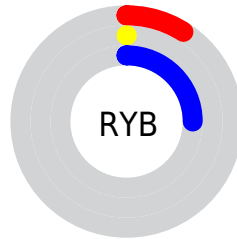
The Hex color **180040** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **284000**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **492D71**, and **000113** is the 20% darker color. If you saturate the color by 10%, you get **180040**, and if you desaturate by 10%, it is **1C0640**.

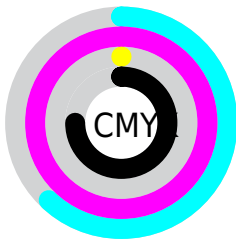
Distribution



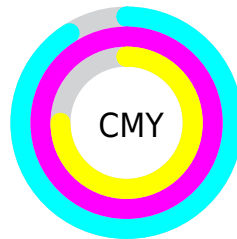
- Red (9%)
- Green (0%)
- Blue (25%)



- Red (9%)
- Yellow (0%)
- Blue (25%)



- Cyan (62%)
- Magenta (100%)
- Yellow (0%)
- Black (75%)



- Cyan (91%)
- Magenta (100%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 180040 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 180040 by changing the saturation by 10% instead.

 180040

 180040

 FFE1FF

 000029

 492D71

 000113

 62448A

 000000

 7C5CA5

 9775C0

 B28EDC

 CEA9F9

 EBC4FF

 180040

■ 1C0640

■ 200D40

■ 241340

■ 281A40

■ 2C2040

■ 302640

■ 342D40

■ 383340

■ 3C3A40

Harmonies

Analogous

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



00134D



180040



380027

Triad

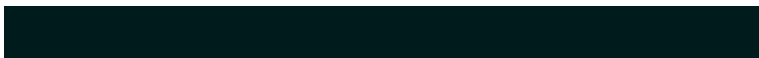
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



180040



280500



001B1B

Complementary

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



180040



284000

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.



001A00



180040



091400

Square

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



180040



380000



001A00



001D37

Rectangle

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



180040



3F0013



001A00



001B10

Sweetspot

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



180040



443B54



002940



221C2B



ABABAB



2B2B2B

Same Dimension

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



180040



200054



370040



1F1E21



240061



5400E0

Inverse Universe

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



400028



540035



094000



211E20



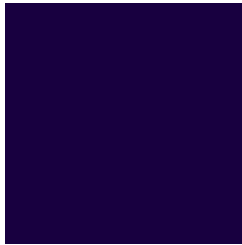
61003D



E0008C

Previews

White Background



This preview shows how the Hex color 180040 looks on a white background.

Color Contrast Check

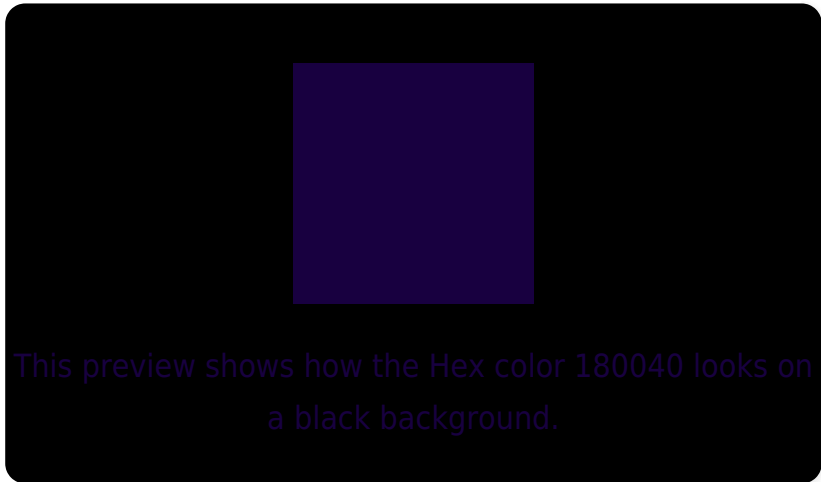
Large Text (above 18pt) WCAG AA ✓ Pass

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

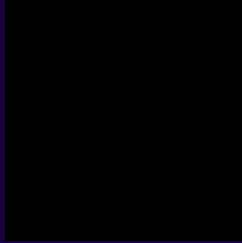
Any Text WCAG AA × Fail

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 180040 Background



This preview shows how black text looks on a background with the Hex color 180040.



This preview shows how white text looks on a background with the Hex color 180040.

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
180040

Protanopia
00152D

Deuteranopia
001726



Tritanopia
00191B

Trichromacy



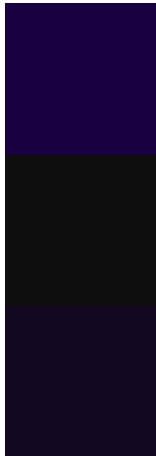
Original Color
180040

Protanomaly
090D34

Deuteranomaly
090F2F

Tritanomaly
091028

Monochromacy



Original Color
180040

Achromatopsia
0E0E0E

Achromatomaly
120920

CSS Examples

Text

The CSS property to change the color of the text to Hex 180040 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 #180040 looks like.

```
.text, #text, p{  
    color:#180040  
}
```

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 #180040 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #180040
}
```

Border

The CSS property to change the border of an element to Hex 180040 is called "border". The border property can be set on classes, ids or directly on the HTML element.

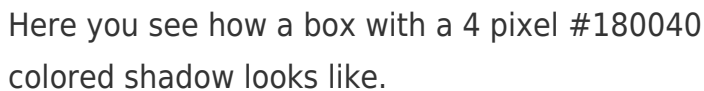
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#180040 }
```

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

```
.border{ border-color:#180040 }
```

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



Here you see how a box with a 4 pixel #180040 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #180040; -webkit-box-shadow:4px 4px  
4px 4px #180040; box-shadow:4px 4px 4px  
4px #180040 }
```

Background

The CSS property to change the background color of an element to Hex 180040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#180040 }
```

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

```
.background{ background-color:#180040 }
```

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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