

Converting Colors

Hex(180238)

Have a look what the booklet for
Hex(180238) contains.

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Color

Hex(180238)

Conversions

Conversions Part 1

Format	Color
Hex	180238
RGB	24, 2, 56
RGB Percent	9%, 1%, 22%
CMY	0.9059, 0.9922, 0.7804
CMYK	0.57, 0.96, 0.00, 0.78
HSL	264°, 93%, 11%
HSV	264°, 96%, 22%
XYZ	1.1122, 0.5231, 3.7837
YIQ	14.7340, -4.2220, 21.4580

Conversions

Conversions Part 2

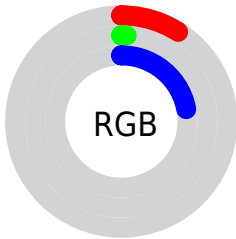
Format	Color
RYB	24, 2, 56
Decimal	1573432
CIELab	4.73, 24.18, -29.53
CIELCh	5, 38.169, 309.311
Yxy	0.5231, 0.2052, 0.0965
Android (android.graphics.Color)	4279763512 (0xFF180238)
YUV	14.7340, 20.3441, 8.1263
Hunter-Lab	7.2328, 14.7911, -25.9539

Details

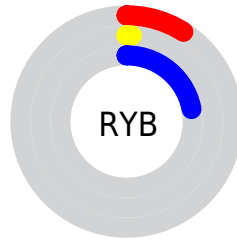
The Hex color **180238** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **223802**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **472F68**, and **000008** is the 20% darker color. If you saturate the color by 10%, you get **170038**, and if you desaturate by 10%, it is **1B0838**.

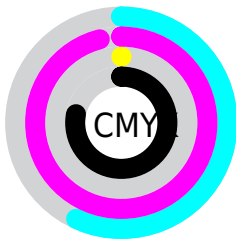
Distribution



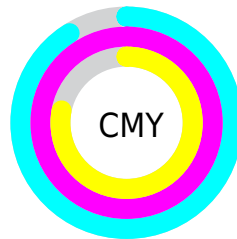
- Red (9%)
- Green (1%)
- Blue (22%)



- Red (9%)
- Yellow (1%)
- Blue (22%)



- Cyan (57%)
- Magenta (96%)
- Yellow (0%)
- Black (78%)



- Cyan (91%)
- Magenta (99%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 180238 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 180238 by changing the saturation by 10% instead.

 180238

 180238

 FFE2FF

 000122

 472F68

 000008

 5F4681

 000000

 795D9B

 9376B6

 AE90D2

 CAABEE

 E7C6FF

 180238

 180238

■ 170038

■ 1B0838

■ 1F0D38

■ 221338

■ 251838

■ 291E38

■ 2C2438

■ 2F2938

■ 332F38

■ 363438

Harmonies

Analogous

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



001143



180238



320023

Triad

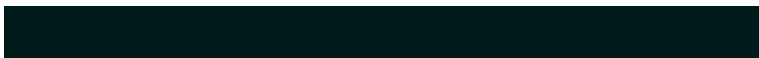
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



180238



250600



001A19

Complementary

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



180238



223802

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.



001900



180238



0A1300

Square

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



180238



330000



001900



001B30

Rectangle

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



180238



380012



001900



001A0F

Sweetspot

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



180238



3D354A



022238



1E1926



A6A6A6



262626

Same Dimension

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



180238



1E004A



330238



1A191C



25005C



5900DB

Inverse Universe

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



380222



4A002C



073802



1C191B



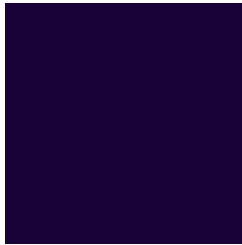
5C0036



DB0082

Previews

White Background



This preview shows how the Hex color 180238 looks on a white background.

Color Contrast Check

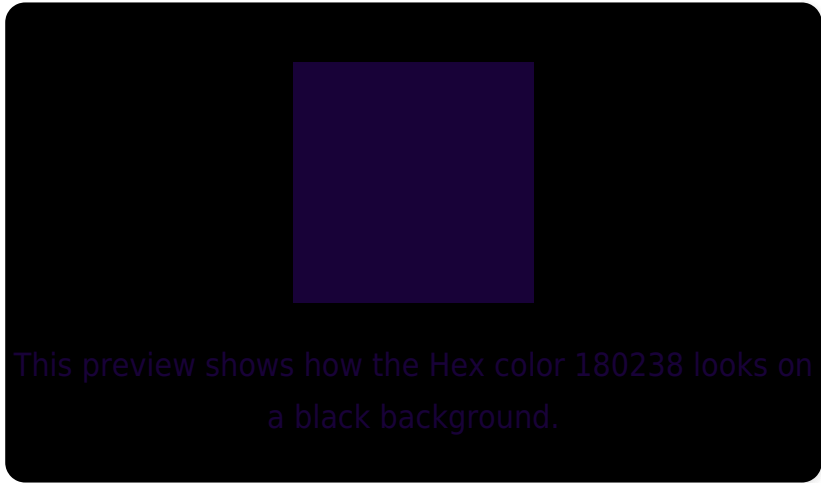
Large Text (above 18pt) WCAG AA ✓ Pass

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

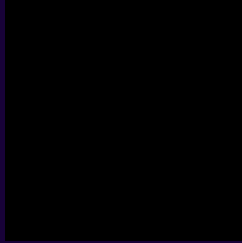
Any Text WCAG AA × Fail

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 180238 Background



This preview shows how black text looks on a background with the Hex color 180238.



This preview shows how white text looks on a background with the Hex color 180238.

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
180238

Protanopia
001429

Deuteranopia
001523



Tritanopia
0B1618

Trichromacy



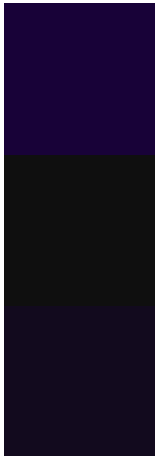
Original Color
180238

Protanomaly
090D2E

Deuteranomaly
090E2B

Tritanomaly
100F24

Monochromacy



Original Color
180238

Achromatopsia
0F0F0F

Achromatomaly
120A1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 180238 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 #180238 looks like.

```
.text, #text, p{  
    color:#180238  
}
```

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 #180238 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #180238
}
```

Border

The CSS property to change the border of an element to Hex 180238 is called "border". The border property can be set on classes, ids or directly on the HTML element.

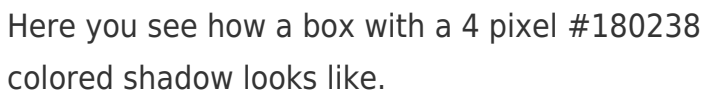
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#180238 }
```

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

```
.border{ border-color:#180238 }
```

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



Here you see how a box with a 4 pixel #180238 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #180238; -webkit-box-shadow:4px 4px  
4px 4px #180238; box-shadow:4px 4px 4px  
4px #180238 }
```

Background

The CSS property to change the background color of an element to Hex 180238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#180238 }
```

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

```
.background{ background-color:#180238 }
```

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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