

Converting Colors

Hex(181D4D)

Have a look what the booklet for
Hex(181D4D) contains.

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Color

Hex(181D4D)

Conversions

Conversions Part 1

Format	Color
Hex	181D4D
RGB	24, 29, 77
RGB Percent	9%, 11%, 30%
CMY	0.9059, 0.8863, 0.6980
CMYK	0.69, 0.62, 0.00, 0.70
HSL	234°, 52%, 20%
HSV	234°, 69%, 30%
XYZ	2.1556, 1.6087, 7.2181
YIQ	32.9770, -18.3880, 13.8680

Conversions

Conversions Part 2

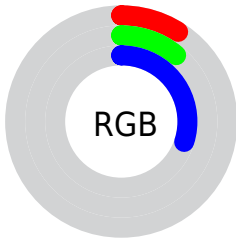
Format	Color
RYB	24, 29, 77
Decimal	1580365
CIELab	13.28, 15.31, -30.46
CIELCh	13, 34.086, 296.686
Yxy	1.6087, 0.1963, 0.1465
Android (android.graphics.Color)	4279770445 (0xFF181D4D)
YUV	32.9770, 21.7033, -7.8728
Hunter-Lab	12.6836, 8.1401, -24.8626

Details

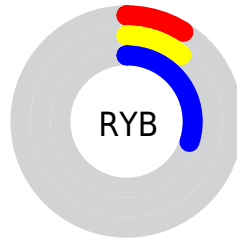
The Hex color **181D4D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4D4818**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **4A487F**, and **000220** is the 20% darker color. If you saturate the color by 10%, you get **10164D**, and if you desaturate by 10%, it is **20244D**.

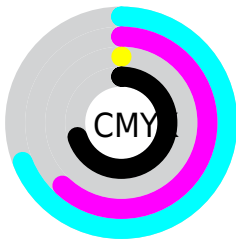
Distribution



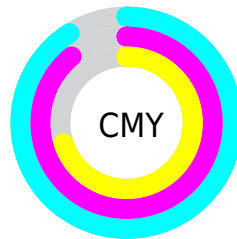
- Red (9%)
- Green (11%)
- Blue (30%)



- Red (9%)
- Yellow (11%)
- Blue (30%)



- Cyan (69%)
- Magenta (62%)
- Yellow (0%)
- Black (70%)



- Cyan (91%)
- Magenta (89%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 181D4D 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 181D4D by changing the saturation by 10% instead.

■ 181D4D

■ 181D4D

FFFFFF

■ 010436

■ 4A487F

■ 000220

■ 636099

■ 000004

■ 7D79B4

■ 000000

■ 9893CF

■ B3ADEC

■ CFC8FF

■ ECE5FF

■ 181D4D

■ 181D4D

■ 10164D

■ 20244D

■ 090F4D

■ 272B4D

■ 01084D

■ 2F324D

■ 00074D

■ 37394D

■ 3E404D

■ 46474D

■ 4E4E4D

■ 56554D

■ 5D5C4D

Harmonies

Analogous

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



002652



181D4D



3B0F3D

Triad

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



181D4D



3F1500



002C1F

Complementary

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



181D4D



4D4818

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.



002A01



181D4D



2E2000

Square

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



181D4D



49070D



182700



002C37

Rectangle

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



181D4D



46052E



182700



002C16

Sweetspot

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



181D4D



4F5163



184D48



262733



B3B3B3



333333

Same Dimension

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



181D4D



111963



2D184D



222326



000A66



0016E6

Inverse Universe

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



4D181D



631119



384D18



262223



66000A



E60016

Previews

White Background



This preview shows how the Hex color 181D4D looks on a white background.

Color Contrast Check

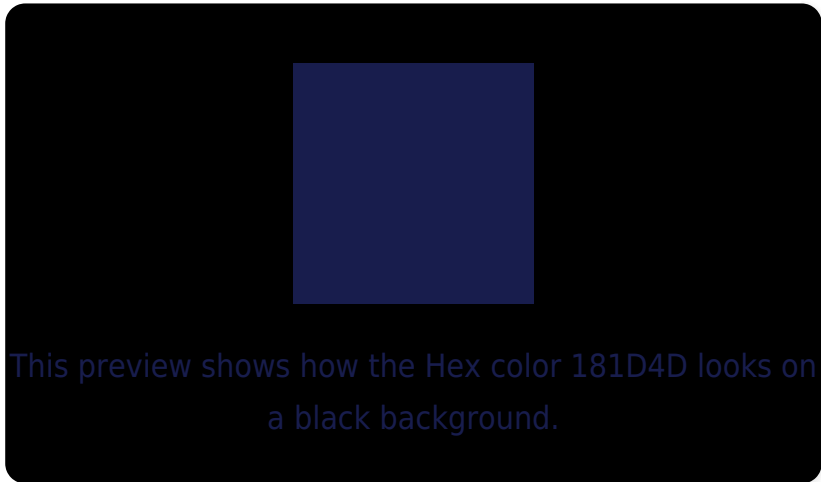
Large Text (above 18pt) WCAG AA ✓ Pass

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

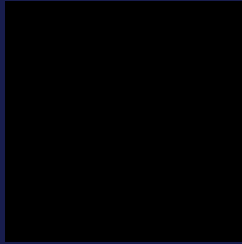
Any Text WCAG AA × Fail

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 181D4D Background



This preview shows how black text looks on a background with the Hex color 181D4D.



This preview shows how white text looks on a background with the Hex color 181D4D.

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
181D4D

Protanopia
002147

Deuteranopia
00243D

Trichromacy



Original Color
181D4D

Protanomaly
092049

Deuteranomaly
092143

Tritanomaly
092336

Monochromacy



Original Color
181D4D

Achromatopsia
212121

Achromatomaly
1E2031

CSS Examples

Text

The CSS property to change the color of the text to Hex 181D4D 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 #181D4D looks like.

```
.text, #text, p{  
    color:#181D4D  
}
```

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 #181D4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #181D4D
}
```

Border

The CSS property to change the border of an element to Hex 181D4D 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".

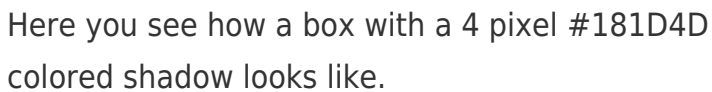
```
.border, #border, table{ border:4px solid
#181D4D }
```

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

```
.border{ border-color:#181D4D }
```

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

Here you see how a box with a 4 pixel #181D4D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #181D4D; -webkit-box-shadow:4px 4px  
4px 4px #181D4D; box-shadow:4px 4px 4px  
4px #181D4D }
```

Background

The CSS property to change the background color of an element to Hex 181D4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#181D4D }
```

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

```
.background{ background-color:#181D4D }
```

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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