

Converting Colors

Hex(171D4B)

Have a look what the booklet for
Hex(171D4B) contains.

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Color

Hex(171D4B)

Conversions

Conversions Part 1

Format	Color
Hex	171D4B
RGB	23, 29, 75
RGB Percent	9%, 11%, 29%
CMY	0.9098, 0.8863, 0.7059
CMYK	0.69, 0.61, 0.00, 0.71
HSL	233°, 53%, 19%
HSV	233°, 69%, 29%
XYZ	2.0627, 1.5689, 6.8507
YIQ	32.4500, -18.3420, 13.0340

Conversions

Conversions Part 2

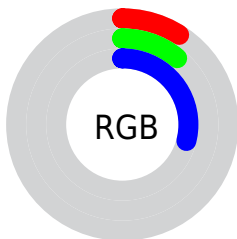
Format	Color
R_{YB}	23, 28, 75
Decimal	1514827
CIE Lab	13.04, 14.30, -29.48
CIE LCh	13, 32.762, 295.872
Yxy	1.5689, 0.1968, 0.1497
Android (android.graphics.Color)	4279704907 (0xFF171D4B)
YUV	32.4500, 20.9771, -8.2877
Hunter-Lab	12.5255, 7.4759, -23.6602

Details

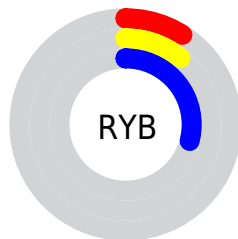
The Hex color **171D4B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4B4517**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **49487C**, and **00021E** is the 20% darker color. If you saturate the color by 10%, you get **10164B**, and if you desaturate by 10%, it is **1F244B**.

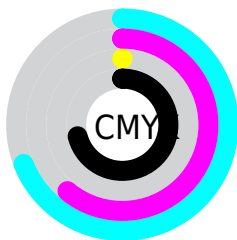
Distribution



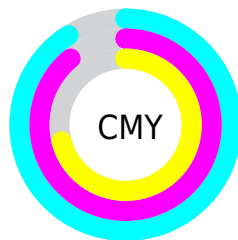
- Red (9%)
- Green (11%)
- Blue (29%)



- Red (9%)
- Yellow (11%)
- Blue (29%)



- Cyan (69%)
- Magenta (61%)
- Yellow (0%)
- Black (71%)



- Cyan (91%)
- Magenta (89%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 171D4B 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 171D4B by changing the saturation by 10% instead.

■ 171D4B

■ 171D4B

FFFFFF

■ 000434

■ 49487C

■ 00021E

■ 626096

■ 000001

■ 7C79B1

■ 000000

■ 9692CD

■ B2ADE9

■ CEC8FF

■ EAE4FF

■ 171D4B

■ 171D4B

■ 10164B

■ 1F244B

■ 08104B

■ 262A4B

■ 01094B

■ 2E314B

■ 00094B

■ 35384B

■ 3D3E4B

■ 44454B

■ 4C4B4B

■ 53524B

■ 5B594B

Harmonies

Analogous

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



00264F



171D4B



39103B

Triad

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



171D4B



3E1500



002B1E

Complementary

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



171D4B



4B4517

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



171D4B



2E2000

Square

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



171D4B



48080E



192600



002B35

Rectangle

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



171D4B



44072D



192600



002B16

Sweetspot

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



171D4B



4D4F61



174B45



242630



B0B0B0



303030

Same Dimension

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



171D4B



101A61



2B174B



222326



000C66



001AE6

Inverse Universe

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



4B171D



61101A



374B17



262223



66000C



E6001A

Previews

White Background



This preview shows how the Hex color 171D4B looks on a white background.

Color Contrast Check

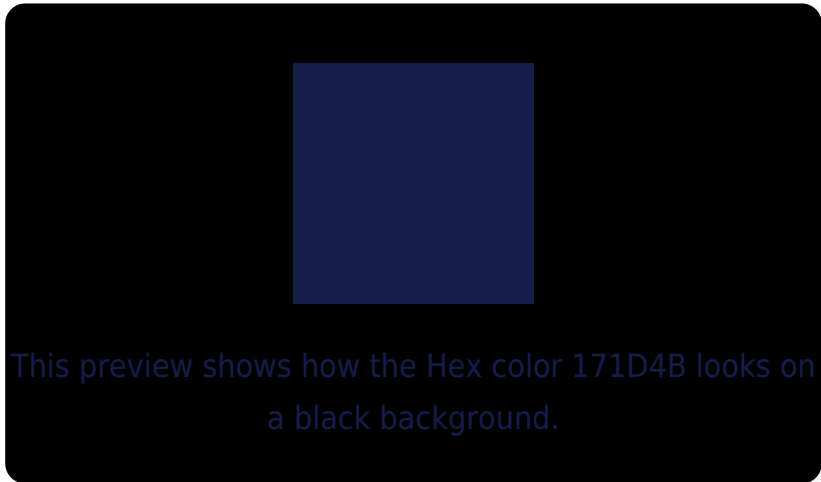
Large Text (above 18pt) WCAG AA ✓ Pass

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

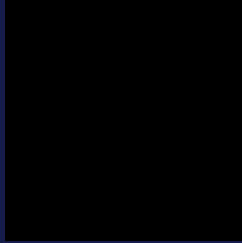
Any Text WCAG AA × Fail

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 171D4B Background



This preview shows how black text looks on a background with the Hex color 171D4B.



This preview shows how white text looks on a background with the Hex color 171D4B.

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
171D4B

Protanopia
002146

Deuteranopia
00233C

Trichromacy



Original Color
171D4B

Protanomaly
082048

Deuteranomaly
082141

Tritanomaly
082335

Monochromacy



Original Color
171D4B

Achromatopsia
202020

Achromatomaly
1D1F30

CSS Examples

Text

The CSS property to change the color of the text to Hex 171D4B 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 #171D4B looks like.

```
.text, #text, p{  
    color:#171D4B  
}
```

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 #171D4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #171D4B
}
```

Border

The CSS property to change the border of an element to Hex 171D4B 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".

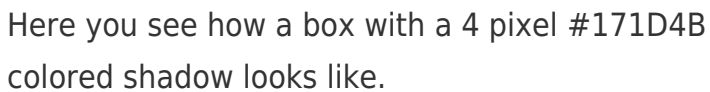
```
.border, #border, table{ border:4px solid
#171D4B }
```

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

```
.border{ border-color:#171D4B }
```

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

Here you see how a box with a 4 pixel #171D4B colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #171D4B; -webkit-box-shadow:4px 4px  
4px 4px #171D4B; box-shadow:4px 4px 4px  
4px #171D4B }
```

Background

The CSS property to change the background color of an element to Hex 171D4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#171D4B }
```

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

```
.background{ background-color:#171D4B }
```

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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