

Converting Colors

Hex(1D431B)

Have a look what the booklet for
Hex(1D431B) contains.

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Color

Hex(1D431B)

Conversions

Conversions Part 1

Format	Color
Hex	1D431B
RGB	29, 67, 27
RGB Percent	11%, 26%, 11%
CMY	0.8863, 0.7373, 0.8941
CMYK	0.57, 0.00, 0.60, 0.74
HSL	117°, 43%, 18%
HSV	117°, 60%, 26%
XYZ	2.7117, 4.3547, 1.7345
YIQ	51.0780, -9.8080, -20.4960

Conversions

Conversions Part 2

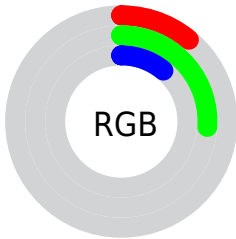
Format	Color
R_{YB}	27, 67, 65
Decimal	1917723
CIE _{Lab}	24.81, -23.13, 20.04
CIE _{LCh}	25, 30.602, 139.091
Yxy	4.3547, 0.3081, 0.4948
Android (android.graphics.Color)	4280107803 (0xFF1D431B)
YUV	51.0780, -11.8705, -19.3624
Hunter-Lab	20.8678, -13.3234, 9.6793

Details

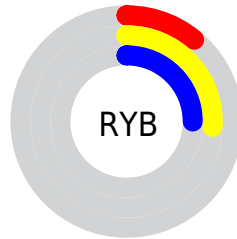
The Hex color **1D431B** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **411B43**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **4D7448**, and **001900** is the 20% darker color. If you saturate the color by 10%, you get **174314**, and if you desaturate by 10%, it is **234322**.

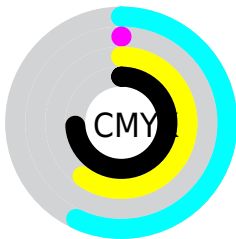
Distribution



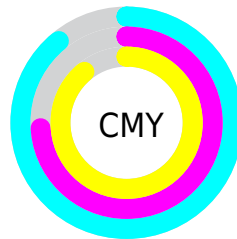
- Red (11%)
- Green (26%)
- Blue (11%)



- Red (11%)
- Yellow (26%)
- Blue (25%)



- Cyan (57%)
- Magenta (0%)
- Yellow (60%)
- Black (74%)



- Cyan (89%)
- Magenta (74%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D431B 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 1D431B by changing the saturation by 10% instead.

 1D431B

 1D431B

FFFFFF

 062C03

 4D7448

 001900

 658D60

 000000

 7FA879

 99C392

 B5DFAD

 D0FCC9

 EDFFE5

 1D431B

 1D431B

■ 174314

■ 234322

■ 10430E

■ 2A4328

■ 0A4307

■ 30432F

■ 044300

■ 364336

■ 034300

■ 3D433D

■ 434343

■ 4A434A

■ 504351

■ 564357

Harmonies

Analogous

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



393E0B



1D431B



004531

Triad

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



1D431B



004068



65262D

Complementary

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



1D431B



411B43

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.



612644



1D431B



2C3867

Square

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



1D431B



00445D



4F2E59



5E2E19

Rectangle

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



1D431B



004641



4F2E59



652535

Sweetspot

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



1D431B



485747



43411B



222B22



ABABAB



2B2B2B

Same Dimension

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



1D431B



1B5718



1B432D



1E211E



056100



0BE000

Inverse Universe

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



411B43



541857



431B31



211E21



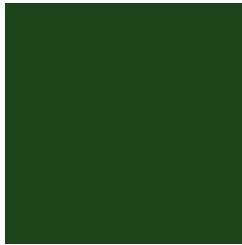
5C0061



D500E0

Previews

White Background



This preview shows how the Hex color 1D431B looks on a white background.

Color Contrast Check

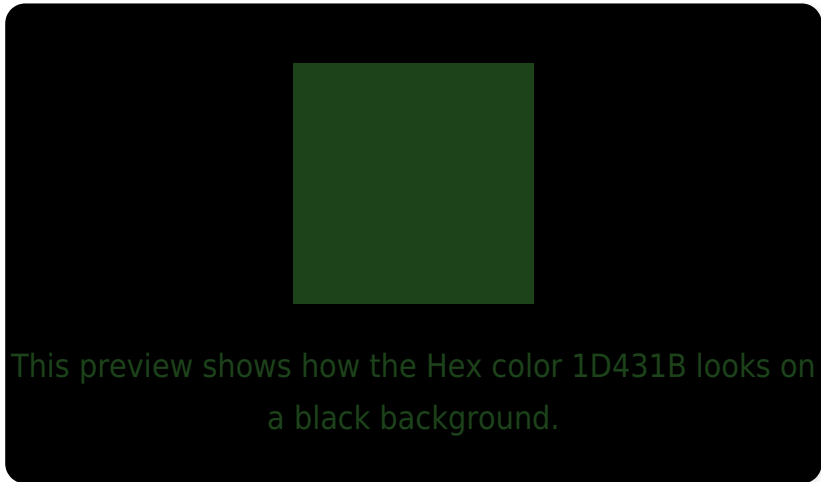
Large Text (above 18pt) WCAG AA ✓ Pass

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

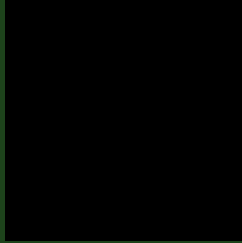
Any Text WCAG AA × Fail

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 1D431B Background



This preview shows how black text looks on a background with the Hex color 1D431B.



This preview shows how white text looks on a background with the Hex color 1D431B.

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](#).

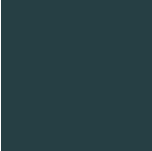
Dichromacy



Original Color
1D431B

Protanopia
413B19

Deuteranopia
48381E



Tritanopia
263F44

Trichromacy



Original Color
1D431B

Protanomaly
343E1A

Deuteranomaly
383C1D

Tritanomaly
234035

Monochromacy



Original Color
1D431B

Achromatopsia
333333

Achromatomaly
2B392A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D431B 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 #1D431B looks like.

```
.text, #text, p{  
    color:#1D431B  
}
```

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 #1D431B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D431B
}
```

Border

The CSS property to change the border of an element to Hex 1D431B is called "border". The border property can be set on classes, ids or directly on the HTML element.

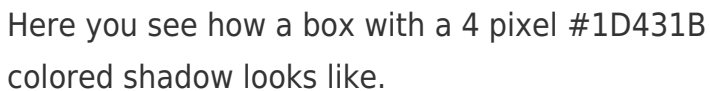
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1D431B }
```

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

```
.border{ border-color:#1D431B }
```

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



Here you see how a box with a 4 pixel #1D431B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D431B; -webkit-box-shadow:4px 4px  
4px 4px #1D431B; box-shadow:4px 4px 4px  
4px #1D431B }
```

Background

The CSS property to change the background color of an element to Hex 1D431B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D431B }
```

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

```
.background{ background-color:#1D431B }
```

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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