

Converting Colors

Hex(D1831E)

Have a look what the booklet for
Hex(D1831E) contains.

Hex(D1831E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D1831E)

Conversions

Conversions Part 1

Format	Color
Hex	D1831E
RGB	209, 131, 30
RGB Percent	82%, 51%, 12%
CMY	0.1804, 0.4863, 0.8824
CMYK	0.00, 0.37, 0.86, 0.18
HSL	34°, 75%, 47%
HSV	34°, 86%, 82%
XYZ	34.6451, 29.8816, 5.1700
YIQ	142.8080, 78.9090, -14.8750

Conversions

Conversions Part 2

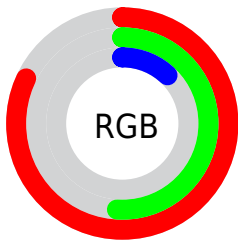
Format	Color
R_{YB}	168, 209, 30
Decimal	13730590
CIE _{Lab}	61.55, 22.89, 61.29
CIE _{LCh}	62, 65.423, 69.519
Y _{xy}	29.8816, 0.4971, 0.4287
Android (android.graphics.Color)	4291920670 (0xFFD1831E)
YUV	142.8080, -55.6143, 58.0504
Hunter-Lab	54.6641, 17.4679, 32.6573

Details

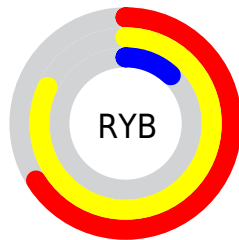
The Hex color **D1831E** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **1E6CD1**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FFB855**, and **955100** is the 20% darker color. If you saturate the color by 10%, you get **D17A09**, and if you desaturate by 10%, it is **D18C33**.

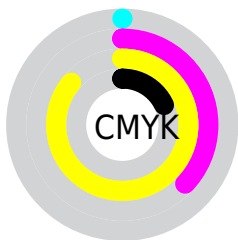
Distribution



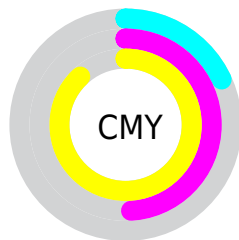
- Red (82%)
- Green (51%)
- Blue (12%)



- Red (66%)
- Yellow (82%)
- Blue (12%)



- Cyan (0%)
- Magenta (37%)
- Yellow (86%)
- Black (18%)



- Cyan (18%)
- Magenta (49%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color D1831E 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 D1831E by changing the saturation by 10% instead.

 D1831E

 D1831E

FFFFFF

 B36A00

 FF855

 955100

 FFD470

 773A00

 FFF08B

 5A2300

 FFFFA6

 3F0D00

 FFFFC2

 280000

 FFFFDF

 000000

 FFFFFC

 D1831E

 D1831E

 D17A09

 D18C33

 D17600

 D19548

 D19E5D

 D1A772

 D1B187

 D1BA9B

 D1C3B0

 D1CCC5

 D1D5DA

Harmonies

Analogous

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



F26A4E



D1831E



A09803

Triad

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



D1831E



00B0A6



AE7DEF

Complementary

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



D1831E



1E6CD1

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.



2C95FF



D1831E



00AEDD

Square

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



D1831E



00AD6A



00A6FF



E864BE

Rectangle

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



D1831E



78A222



00A6FF



9186FA

Sweetspot

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



D1831E



FFE2BD



D11E6F



806E58



000000



808080

Same Dimension

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



D1831E



FF9000



C8D11E



69645E



A85F00



291700

Inverse Universe

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



1E6CD1



006FFF



271ED1



5E6369



0049A8



001229

Previews

White Background



This preview shows how the Hex color D1831E looks on a white background.

Color Contrast Check

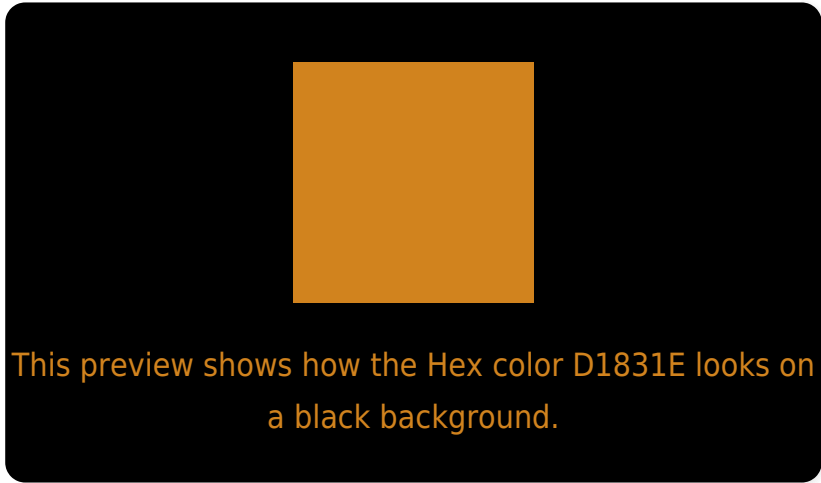
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D1831E Background



This preview shows how black text looks on a background with the Hex color D1831E.



This preview shows how white text looks on a background with the Hex color D1831E.

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
D1831E

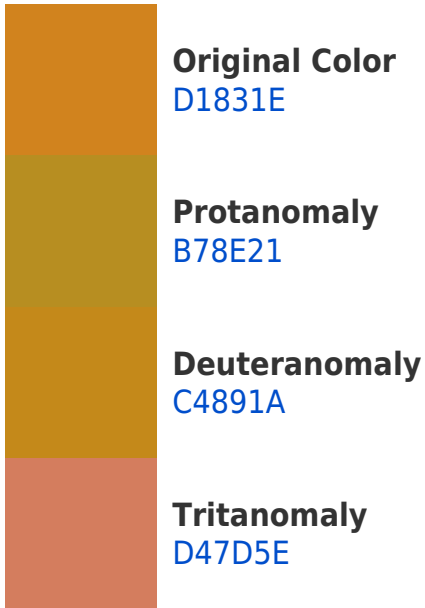
Protanopia
A89523

Deuteranopia
BC8D17

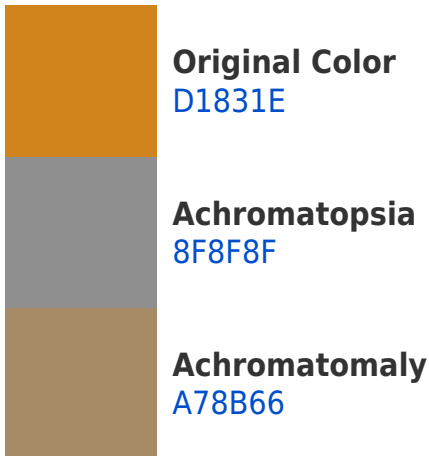


Tritanopia
D67A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D1831E 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 #D1831E looks like.

```
.text, #text, p{  
    color:#D1831E  
}
```

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 #D1831E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1831E
}
```

Border

The CSS property to change the border of an element to Hex D1831E 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
#D1831E }
```

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

```
.border{ border-color:#D1831E }
```

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

Here you see how a box with a 4 pixel #D1831E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1831E; -webkit-box-shadow:4px 4px  
4px 4px #D1831E; box-shadow:4px 4px 4px  
4px #D1831E }
```

Background

The CSS property to change the background color of an element to Hex D1831E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1831E }
```

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

```
.background{ background-color:#D1831E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor